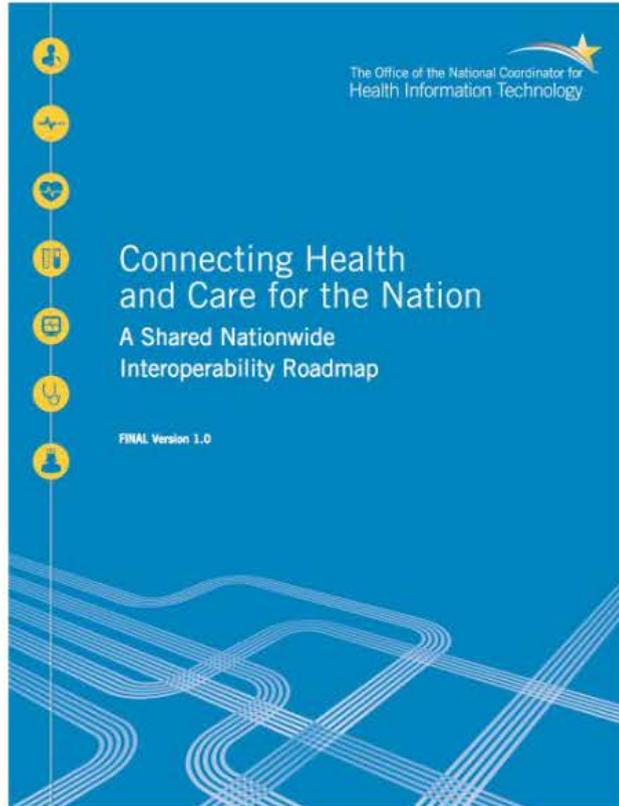


A Shared Nationwide Interoperability Roadmap: A Year in Review

December 2016

Nationwide Interoperability Roadmap

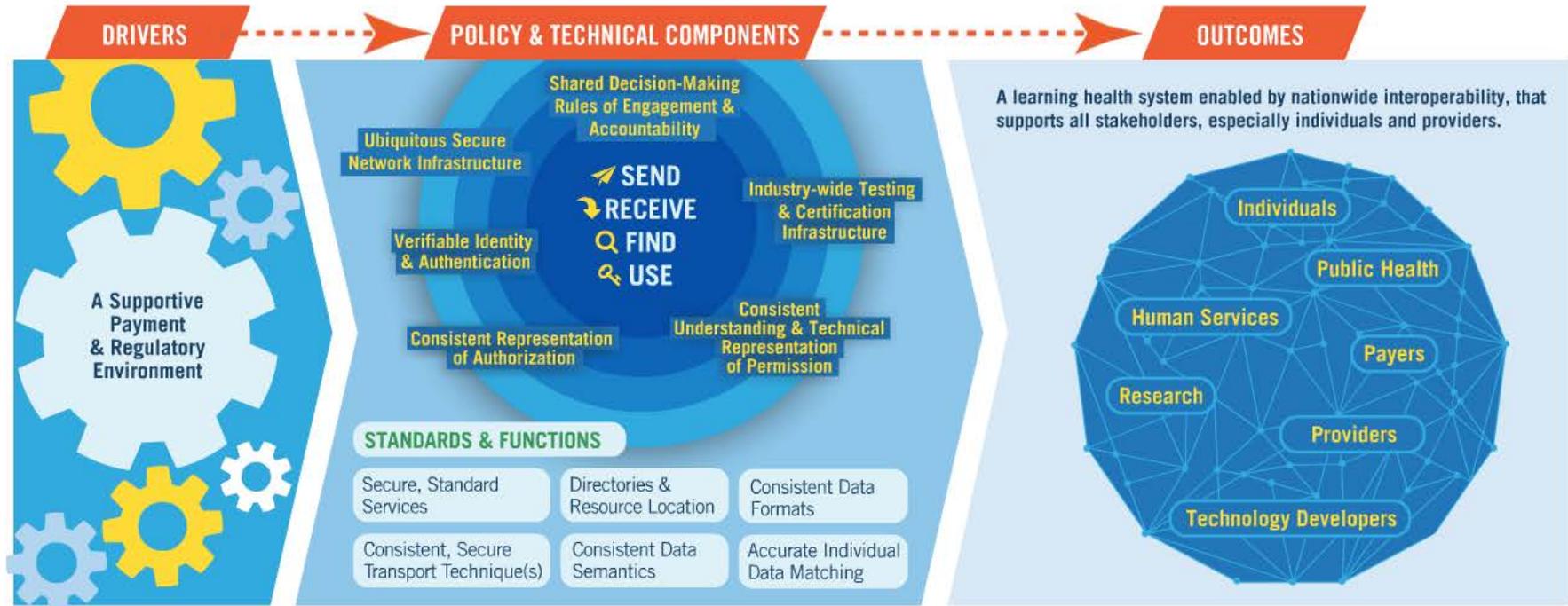


In 2015, ONC updated the Federal Health IT Strategic Plan. At the same time, ONC initiated a complementary planning effort with public and private partners to set a clear path for seamless and secure data flow with *A Shared Nationwide Interoperability Roadmap*.

<https://www.healthit.gov/sites/default/files/hie-interoperability/nationwide-interoperability-roadmap-final-version-1.0.pdf>

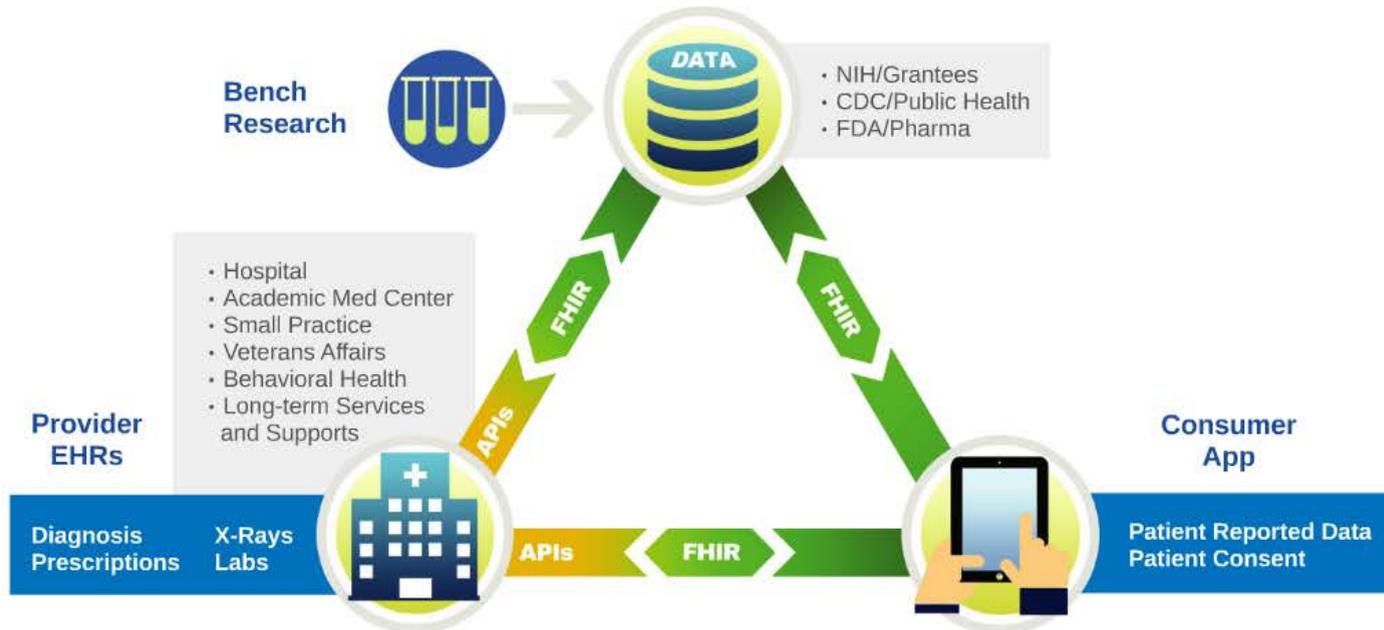
Nationwide Interoperability Roadmap

This 10-year Roadmap outlines the steps the public and private sector can take to achieve widespread and seamless interoperability.



Nationwide Interoperability Roadmap

The ultimate outcome of the Roadmap's implementation will be a **learning health system** enabled by nationwide interoperability that supports all stakeholders, especially individuals and providers.



Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.



Focus On Value



GUIDING PRINCIPLE #1:
Focus on Value

This Past Year We Focused on Value

- By building the business case for interoperability
- By promoting common standards



GUIDING PRINCIPLE #1: Focus on Value

Building the Business Case for Interoperability

Health IT plays a crucial role in supporting person-centered and value-driven alternative care models. Seamless interoperability will support the goals of delivery system reform: better care, smarter spending, and healthier people.





GUIDING PRINCIPLE #1: Focus on Value

Building the Business Case for Interoperability

Andy Slavitt @ASlavitt

What happened on #MACRA at @CMSGov?
-85% calls res w one HUMAN BEING convo
--~100k total web users
-call w MDs champions 2 gather feedback

Basic Support - Types of Callers

Caller Type	Percentage
Physician Office	53%
Other	13%
Vendor	11%
Rural	8%
Contractor	7%
Solo Practitioner	4%
Small Practice	2%
Clinician	2%

5 Program Support Questions: **Top APM Progra**

RETWEETS: 7 LIKES: 18

9:09 PM - 17 Oct 2016

Medicare Access and CHIP Reauthorization Act of 2015 (MACRA)

To shift from volume-based to value-based payment, ONC works closely with CMS to implement key provisions of MACRA, which streamlines the existing patchwork of Medicare reporting programs, and provides opportunities for clinicians to earn more by focusing on quality patient care.



GUIDING PRINCIPLE #1:
Focus on Value

Promoting Common Standards

Standards help individuals, health care entities, public health agencies, health IT products, and medical devices consistently and accurately find, send, receive, and integrate electronic health information. Use of common technical standards and specifications are necessary for electronic health information to move seamlessly and securely.





GUIDING PRINCIPLE #1:
Focus on Value

Promoting Common Standards

The ONC Health IT Certification Program

The ONC Health IT Certification Program is a voluntary certification program to certify health IT standards, implementation specifications and certification criteria.

The 2015 Edition final rule also advances the movement toward common standards and the criteria needed for their certified use in health IT products. It builds on past rulemakings to facilitate greater interoperability for several clinical health information purposes and enables health information exchange through new and enhanced certification criteria, standards, and implementation specifications. The 2015 Edition final rule has a strong focus on the interoperable exchange of data, including through the use APIs such as those built using Fast Healthcare Interoperability Resources (FHIR) and new transparency and accountability provisions.





GUIDING PRINCIPLE #1: Focus on Value

Promoting Common Standards

The 2015 Edition Final Rule

The 2015 Edition final rule on certification criteria facilitates greater interoperability for several clinical health information purposes and enables health information exchange through new and enhanced certification criteria, standards, and implementation specifications. As part of this rule, ONC redesigned the Certified Health IT Products List (CHPL) with enhanced functionality to promote transparency.

The screenshot shows the 'Certified Health IT Product List' website. The search bar contains 'Epic' and shows 55 results found. The results table includes columns for Product Name, Developer, Edition, and Version. The table lists several Epic products, including Beacon Cancer Registry Reporting, Outfitter Surgical 2014 Certified Module, EpicCare Separated 2014 Certified EMR Sub-Module, Outpatient Public Health Reporting from EpicCare Flux (Hau) by, and Beacon OncoKey 2014 Certified Module. Each row has buttons for 'Details', 'Compare', and 'Get ID'. A sidebar on the right shows 'CMS EHR Certification ID', 'Compare products (minimum 2)', and 'Compare' buttons. The bottom of the page shows the date 'August 11, 2016' and the URL 'https://www.cms.gov/eHRTemplates/2013/01/13cms_ehrt_templates.html'.

Product Name	Developer	Edition	Version	Details	Compare	Get ID
Beacon Cancer Registry Reporting	Epic Systems Corporation	2015	Epic 2016			
Outfitter Surgical 2014 Certified Module	Epic Systems Corporation	2014	Epic 2015			
EpicCare Separated 2014 Certified EMR Sub-Module	Epic Systems Corporation	2014	Epic 2015			
Outpatient Public Health Reporting from EpicCare Flux (Hau) by	Epic Systems Corporation	2014	Epic 2015			
Beacon OncoKey 2014 Certified Module	Epic Systems Corporation	2014	Epic 2010-1			

The callout box highlights the following elements of the CHPL interface:

- CMS EHR Certification ID** (yellow button with right arrow)
- Compare products (minimum 2)** (blue button with down arrow)
- Compare** (green button)
- Previous 0 products compared** (blue button with right arrow)
- Previous 0 products viewed** (blue button with right arrow)

Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

Be Person- Centered



GUIDING PRINCIPLE #2:

Be Person-Centered

**This past year, we focused on
person-centered solutions**

- By highlighting HIPAA access educational tools
- By supporting cooperative learning efforts



GUIDING PRINCIPLE #2:
Be Person-Centered

HIPAA Access Educational Tools

To effectively manage their health, individuals need to be able to access and use their health information when, where, and how they want, including sending it to the people and tools helping them become or stay healthy (e.g., neighbors, friends, relatives, health care providers treating or consulting with the individual, or even third-party software tools used for self-management).





GUIDING PRINCIPLE #2:
Be Person-Centered

HIPAA Access Educational Tools

“If a patient wants their data for their personal use – to share for research or to look for a second opinion – it’s clear that it’s the patient’s right to have that data set.”

– B. Vindell Washington, MD, MHCM, FACEP





GUIDING PRINCIPLE #2: Be Person-Centered

HIPAA Access Educational Tools

OCR FAQs

The HHS Office for Civil Rights (OCR), the entity responsible for interpreting and enforcing Health Insurance Portability and Accountability Act (HIPAA), published an important set of Frequently Asked Questions (FAQs) clarifying how an individual's right to access their individual health information operates, including key points related to electronic health information sharing.

This guidance will help ensure that all Americans have access to their health information, in the form and format requested, when and where they need it most.



The screenshot shows the HHS.gov website with the following elements:

- Header: HHS.gov, Health Information Privacy, U.S. Department of Health & Human Services
- Search bar: "I'm looking for..."
- Navigation tabs: HIPAA for Individuals, Filing a Complaint, HIPAA for Professionals, Newsroom
- Breadcrumbs: Home > HIPAA > For Professionals > Privacy > Guidance > Individuals' Right Under HIPAA to Access their Health Information
- Page title: Individuals' Right under HIPAA to Access their Health Information 45 CFR § 164.524
- Sub-headers: Newly Released FAQs on Access Guidance, New Clarification - \$5.50 Flat Rate Option to Help a Gap on Fees for Copies of PHI
- Introduction: Providing individuals with easy access to their health information empowers them to be more in control of decisions regarding their health and well-being. For example, individuals with access to their health information are better able to monitor chronic conditions, adhere to treatment plans, find and fix errors in their health records, track progress in addressing chronic environmental exposures, and identify...



GUIDING PRINCIPLE #2:
Be Person-Centered

Cooperative Learning Efforts

Since ONC issued the Nationwide Interoperability Roadmap, HHS and other federal agencies implemented a wide range of actions in priority areas to bolster the person-centered foundation for a learning, interoperable health system. Some of these efforts include:



Healthcare IT News
@HealthITNews



[Follow](#)

Precision medicine to transform health IT market in 4 ways



According to the 2016 Precision Medicine Essentials Brief

current precision medicine efforts are focused on disease prevention and early disease diagnosis, but future efforts will be focused on patient risk assessment which should complement the market move toward population health.



GUIDING PRINCIPLE #2: Be Person-Centered

Cooperative Learning Efforts



The President's Precision Medicine Initiative

The President's Precision Medicine Initiative is a bold new research effort to revolutionize how we improve health and treat disease. This initiative is about empowering patients and researchers to use their data for common good. At ONC we are heavily involved in supporting this long-term initiative.



Sync for Science Pilot

In conjunction with the National Institutes of Health, ONC is coordinating Sync for Science pilots with leading EHR developers. The lessons learned from these projects will inform efforts to scale individual data access and donation for precision medicine research, and could be used to support implementation of consumer-mediated data access across the health care industry.

Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

**Protect Privacy &
Security/Respect
Individual
Preferences**



GUIDING PRINCIPLE #3:

Protect Privacy & Security/Respect Individual Preferences

This past year ONC protected privacy & security and respected individual preferences

- By publishing and promoting a variety of materials informing stakeholders about the privacy and security of electronic health information

Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

Build A Culture Of Electronic Access And Use



GUIDING PRINCIPLE #4:

Build a Culture of Electronic Access and Use

This past year, we worked to build a culture of electronic access and use

- By establishing the Interoperability Pledge
- By creating the Interoperability Proving Ground



GUIDING PRINCIPLE #4:

Build a Culture of Electronic Access and Use

The Interoperability Pledge

In early 2016, ONC announced that the companies that provide 90 percent of hospitals their EHRs, and over two dozen professional associations and stakeholder groups, have signed the Interoperability Pledge and agreed to implement three core commitments that will help make sure health information flows.





GUIDING PRINCIPLE #4:

Build a Culture of Electronic Access and Use

Interoperability Proving Ground

The Interoperability Proving Ground (IPG) is an open community platform where you can share, learn, and be inspired by interoperability projects occurring in the United States (and around the world).

The screenshot shows the HealthIT.gov Interoperability Proving Ground website. The header features the HealthIT.gov logo and the text "Interoperability Proving Ground" with a "Login" link in the top right. Below the header, there is a welcome message: "Welcome to the Interoperability Proving Ground!". A paragraph follows: "The Interoperability Proving Ground (IPG) is an open, community platform where you can share, learn, and be inspired by interoperability projects occurring in the United States (and around the world).". Below this, there are two columns of instructions. The left column says "Use the Active and Completed buttons to change the project view displayed below" and contains two buttons: "Active" and "Completed". The right column says "Click the map to see where interoperability projects are taking place" and contains a map of the United States.

Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

Encourage Innovation And Competition



GUIDING PRINCIPLE #5:

Encourage Innovation and Competition

**This past year we encouraged
innovation and competition**

- By spurring innovation
- By promoting transparency and competition
- By participating in the Cancer Moonshot



GUIDING PRINCIPLE #5:

Encourage Innovation and Competition

Spurring Innovation

ONC encourages community-driven, user-focused innovation to allow individuals and providers to access, easily and securely, electronic information and direct it to any desired location. In 2016, ONC awarded HIE grants, contracts, and cooperative agreements to promote health IT innovation.

For more information about ONC's innovation challenges, visit the Year in Review web page.

<https://www.healthit.gov/year-in-review>



MHDFC
MOVE HEALTH
DATA FORWARD
CHALLENGE





GUIDING PRINCIPLE #5:

Encourage Innovation and Competition

Promoting Transparency and Competition

2015 Edition Supports Transparency

The current health IT landscape has lacked reliable information about the costs, limitations, and trade-offs of competing health IT products and services. Without this information, health IT purchasers may find it hard to effectively understand and estimate the kinds of costs and implementation issues they may face.

ONC published the 2015 Edition final rule, which modified the ONC Health IT Certification Program, making it more open and accessible to more types of health IT that support various care and practice settings.

 **ONC** 
@ONC_HealthIT   Follow

Read our latest blog post, which is packed with resources from the 2015 Edition Final Rule:

 **Where to Find What You Need on the 2015 Edition Final Rule...**
The 2015 Edition final rule was released earlier this fall and ONC has continued to update the landing page for the final rule with new resources, charts, and fact sheets. Our goal is to provide, ...
healthit.gov

RETWEETS 4 LIKES 2 

9:46 AM - 18 Dec 2015

  4  2 



GUIDING PRINCIPLE #5:

Encourage Innovation and Competition

Promoting Transparency and Competition

2015 Edition Supports Transparency

The current health IT landscape has lacked reliable information about the costs, limitations, and trade-offs of competing health IT products and services. Without this information, health IT purchasers may find it hard to effectively understand and estimate the kinds of costs and implementation issues they may face.

ONC published the 2015 Edition final rule, which modified the ONC Health IT Certification Program, making it more open and accessible to more types of health IT that support various care and practice settings.

ONC (@ONC_HealthIT) Follow

2015 Edition Final Rule Health IT Goals
#connect2health

HIMSS CONNECTED HEALTH CONFERENCE

2015 Edition Final Rule Health IT Goals

- Improve Interoperability
- Facilitate Data Access and Exchange
- Ensure Privacy and Security Capabilities
- Improve Patient Safety
- Reduce Health Disparities
- Improve the Reliability and Transparency of Certified Health IT
- Use the ONC Health IT Certification Program to Support the Care Continuum
- Support Stage 3 of the EHR Incentive Programs

RETWEETS 2 LIKES 3

12:13 PM - 9 Nov 2015



GUIDING PRINCIPLE #5:

Encourage Innovation and Competition

Under the ONC Health IT Certification Program's enhanced transparency requirements, developers must fully disclose all known material types of costs and limitations—including technical and contractual restrictions—that a user may encounter when implementing or using the developer's technology. Developers' product disclosures, transparency attestations, and other transparency-related information is now available on the Certified Health IT Products List and will also be regularly updated at <http://www.healthit.gov/transparency>.

Promoting Transparency and Competition

The image shows a tweet from the official account of the Office of the National Coordinator for Health Information Technology (@ONC_HealthIT). The tweet text reads: "Transparency info, plain language disclosures for #healthIT will help providers compare products". Below the text is a link preview for a page titled "Transparency Requirements for Health IT Developers Will H..." from healthit.gov. The preview includes a "HealthIT Buzz" logo and a snippet of text: "Health information technology (health IT) developers must now comply with enhanced transparency requirements associated with their products. This regulatory requirement is applicable t...". The tweet shows 6 retweets and 4 likes, and was posted at 3:30 PM on June 13, 2016.



GUIDING PRINCIPLE #5: Encourage Innovation and Competition

Promoting Transparency and Competition

ONC responded to stakeholder feedback and upgraded the Certified Health IT Products List to promote greater transparency. In addition, Certification Companion Guides help health IT developers understand new requirements.

HIMSS @HIMSS
HIMSS Seeks Changes to @ONC_HealthIT Certification Program
In a letter to ONC, HIMSS suggested that the agency reconsider its punitive approach to its health IT certification programs. ehrintelligence.com
RETWEETS 3 LIKE 1
9:35 AM - 7 May 2016

RJ Terry Fairbanks @TerryFairbanks
New list of govt certified #HealthIT products is out & @ONC_HealthIT made it much easier to search & compare #CHPL chpl.healthit.gov /#/overview
RETWEETS 3 LIKES 5
5:37 AM - 14 Mar 2016

ONC @ONC_HealthIT
Upgraded Certified #HealthIT Product List (CHPL) features more transparency into certified health IT products
HealthIT Buzz
Upgrading the Certified Health IT Product List: Understandi...
Earlier this year, we completed an extensive upgrade to the Certified Health IT Product List (CHPL) to support 2015 Edition certification as well as several other ongoing initiatives. Now, C... healthit.gov
RETWEETS 4 LIKES 2
12:31 PM - 6 Jun 2016



GUIDING PRINCIPLE #5:

Encourage Innovation and Competition

Cancer Moonshot

Health IT plays a critical role in key national priorities such as the Cancer Moonshot, announced by President Obama at his final State of the Union in January 2016. During his remarks at the 2016 Health Datapalooza, Vice President Biden described how the flow of electronic health data is critical to accelerating efforts to cure cancer by, for example, providing access to millions of cancer pathologies, genomic sequences, family histories, and treatment outcomes.

The President's Cancer Panel's Connected Health Report highlights that, "cancer prevention, control, treatment and survivorship improve with greater connectivity and fewer discontinuities" when we achieve the Roadmap's goals of a national health information infrastructure by 2020.





GUIDING PRINCIPLE #5: Encourage Innovation and Competition

Cancer Moonshot

Vice President Biden Delivers Remarks at the Cancer Moonshot Summit



Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

Build Upon The Existing Health IT Infrastructure



GUIDING PRINCIPLE #6:

Build Upon the Existing Health IT Infrastructure

This past year, we built upon the existing health IT infrastructure

- With the Interoperability Standards Advisory



GUIDING PRINCIPLE #6:

Build Upon the Existing Health IT Infrastructure

The screenshot shows the HealthIT.gov website. The top navigation bar includes links for Blog, Consumer Toolkit, Contact, and Get Email Updates. Below this is a search bar and a main navigation menu with categories: Providers & Professionals, Patients & Families, and Policy Researchers & Implementers. The Policy Researchers & Implementers section is expanded, showing sub-links for Policymaking, Regulation, & Strategy; Research & Innovation; Privacy & Security Policy; ONC Health IT Certification Program; Interoperability; and HITECH Programs & Advisory Committees. The main content area features a yellow banner for the 'Draft 2017 Interoperability Standards Advisory'.

The screenshot shows the 'Draft 2017 Interoperability Standards Advisory' page. On the left, there is a sidebar with a 'COMMENT ON THE WHOLE ISA' button and a list of sections: Introduction, Section I: Vocabulary/Code Set/Terminology Standards and Implementation Specifications, and Section II: Content/Structure Standards and Implementation Specifications. The main content area is a table of contents with three columns: Section I, Section II, and Section III. The table lists various categories such as Allergies, Encounter Diagnosis, Family Health History, Functional Status/Disability, Health Care Provider, Imaging, Immunizations, Industry and Occupation, Lab Tests, Medications, Numerical References & Values, and Nursing.

Section I	Section II	Section III
› I-A: Allergies	› I-B: Encounter Diagnosis	› I-C: Family Health History
› I-D: Functional Status/Disability	› I-E: Health Care Provider	› I-F: Imaging (Diagnostics, interventions and procedures)
› I-G: Immunizations	› I-H: Industry and Occupation	› I-I: Lab Tests
› I-J: Medications	› I-K: Numerical References & Values	› I-L: Nursing

Building upon what's already working is key to achieving full-scale interoperability.

The Interoperability Standards Advisory provides the industry with a single, public list of the standards and implementation specifications that can fulfill specific clinical health information interoperability needs. The Advisory is a single resource for those seeking federally recognized, national interoperability standards and guidance.

Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

**One Size
Does Not
Fit All**



GUIDING PRINCIPLE #7:

One Size Does Not Fit All

**This past year underscored
that one size does not fit all.
We supported diverse needs**

- By supporting the Quality Payment Program
- By supporting providers across the care continuum



GUIDING PRINCIPLE #7:

One Size Does Not Fit All

The Quality Payment Program

As part of MACRA, CMS issued the rule for the Quality Payment Program, which moves away from paying for each service a physician provides toward a system that rewards physicians for coordinating their patient's care and improving the quality of care delivered. The rule allows doctors to select the measures that reflect how technology best suits their day-to-day practice, and eliminates the requirement of all-or-nothing EHR measurement for quality reporting, focusing instead on metrics that support the flow of patient data.





GUIDING PRINCIPLE #7: One Size Does Not Fit All

The Quality Payment Program

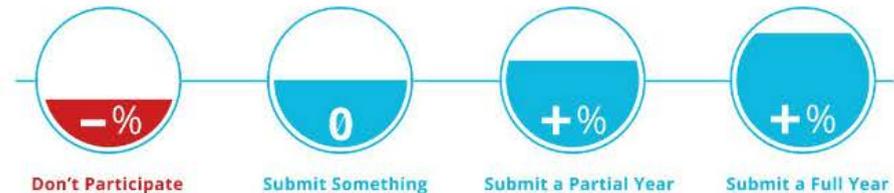
As part of MACRA, CMS issued the rule for the Quality Payment Program, which moves away from paying for each service a physician provides toward a system that rewards physicians for coordinating their patient's care and improving the quality of care delivered. The rule allows doctors to select the measures that reflect how technology best suits their day-to-day practice, and eliminates the requirement of all-or-nothing EHR measurement for quality reporting, focusing instead on metrics that support the flow of patient data.

How will the Quality Payment Program change my Medicare payments?

Depending on the data you submit by March 31, 2018, your 2019 Medicare payments will be adjusted up, down, or not at all. The information provided below is only relevant for the 2019 payment year. CMS will provide additional information on payment adjustments for 2020 and beyond beginning next year.

Pick Your Pace in MIPS

If you choose the MIPS path of the Quality Payment Program, you have three options.



Not participating in the Quality Payment Program:

If you don't send in any 2017 data, then you receive a negative 4% payment adjustment.

Test:

If you submit a minimum amount of 2017 data to Medicare (for example, one quality measure or one improvement activity for any point in 2017), you can avoid a downward payment adjustment.

Partial:

If you submit 90 days of 2017 data to Medicare, you may earn a neutral or positive payment adjustment.

Full:

If you submit a full year of 2017 data to Medicare, you may earn a positive payment adjustment.



GUIDING PRINCIPLE #7:

One Size Does Not Fit All

Supporting Providers Across the Care Continuum

The 2015 Edition final rule establishes a framework that makes ONC Health IT Certification Program open and accessible to more types of health IT, including health IT that supports a variety of care and practice settings, various HHS programs, and public and private interests.

Additionally, this rule addresses health disparities by providing certification to standards for more granular capture of race and ethnicity as well as sexual orientation, gender identity, social, psychological, and behavioral data. This information is critical for identifying and addressing any disparities.

The screenshot displays the Fenway Focus website interface. At the top, the navigation bar includes the Fenway Focus logo and links for LGBT, HIV/AIDS, Transgender, Women, Youth, Research, and News. The main content area features a news article with the headline "Landmark Decision By Dept. of Health and Human Services Will Reduce Health Disparities Experienced By LGBT People". Below the headline, there are social media sharing icons for Facebook Comments, Likes, and Retweets. A large image shows a healthcare provider in blue scrubs writing on a clipboard while using a laptop. To the right of the image is a sidebar with three buttons: "FENWAY HEALTH" (blue), "THE FENWAY INSTITUTE" (dark blue), and "AIDS ACTION COMMITTEE" (red). Below these buttons is a "SUBSCRIBE TO FENWAY FOCUS" section with an email input field and a "Subscribe" button. At the bottom right, there is an "ABOUT FENWAY" section with a brief description of the organization's mission.

Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

o

Simplify



GUIDING PRINCIPLE #8:

Simplify

This past year, we simplified

- By developing resources to support the provider and developer communities
- By making the Certified Health IT Product List more user friendly



GUIDING PRINCIPLE #8: Simplify

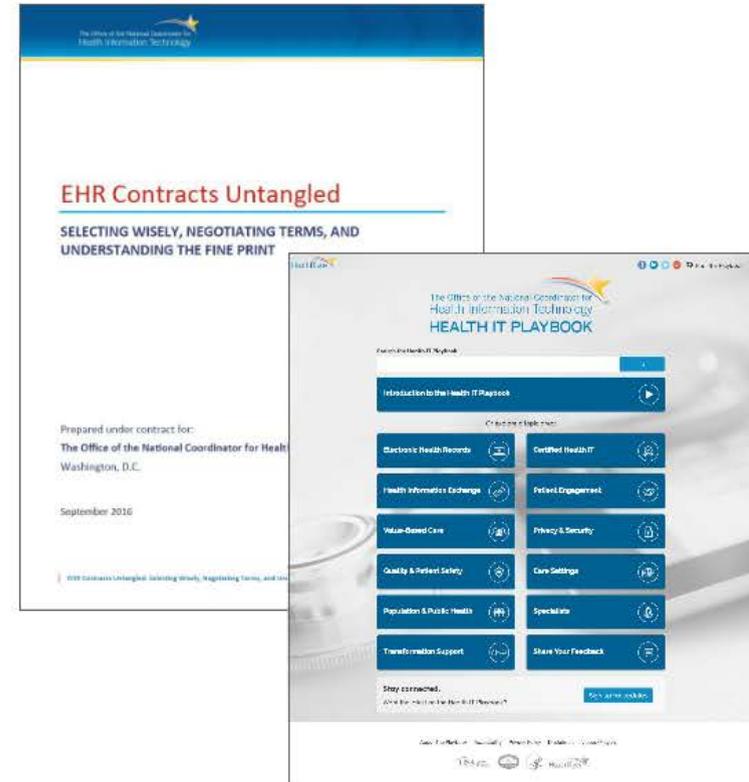
Resources for Provider and Developer Communities

Developed Resources to Support the Provider and Developer Communities

The release of the Quality Payment Program final rule called for in MACRA reforms Medicare payments for over 600,000 clinicians and simplifies reporting requirements.

In the past year, ONC released its Health IT Playbook, a web-based resource of practical, technical, and workflow assistance that should prove helpful to providers and practice staff. ONC's EHR Contracts Untangled: Selecting Wisely, Negotiating Terms, and Understanding the Fine Print helps clinicians and hospitals make sure that contract terms do not inhibit the utility of their EHR technologies.

Finally, ONC released 2015 Edition reader-friendly fact sheets and Certification Companion Guides that provide guidance and clarifications to developers on certification criteria.





GUIDING PRINCIPLE #8: Simplify

User Friendly Certified Health IT Products List

Improvements to the Certified Health IT Product List (CHPL)
Granular information about certified health IT is publicly available through the open data CHPL which was been upgraded this year.

The screenshot displays the 'Certified Health IT Product List' website. At the top, there is a navigation bar with links for 'Search', 'Overview', 'Contact', and 'Resources'. The main content area is titled 'CHPL Overview' and includes a sidebar with links for 'What is the CHPL', 'Using the CHPL Website', 'ONC Certification Program', 'For EHR Vendors', and 'ONC-ACB and ATL information'. The main content features an 'Announcement' dated August 5, 2016, regarding the availability of searching by ONC-ACB/CHPL ID. Below the announcement is a section titled 'What is the CHPL?' which explains that the CHPL is a comprehensive and authoritative listing of certified Health Information Technology products. It also includes links to a 'Public User Guide' and 'CMS EHR Incentive Program Registration & Attestation Page'. Further down, there are sections for 'Using the CHPL Website' and 'How do I use the CHPL to view Certified Health Information Technology?', which provides instructions on how to search for products. The final section, 'How do I create a CMS EHR Certification ID?', explains how to generate a certification ID for a selected product.

Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

Maintain Modularity





GUIDING PRINCIPLE #9:

Maintain Modularity

**This past year,
we maintained modularity**

- By connecting and accelerating a FHIR app ecosystem



GUIDING PRINCIPLE #9:

Maintain Modularity

Connecting and Accelerating a FHIR App Ecosystem

Because of medicine and technology advances, systems must also evolve and take advantage of that progress. Modularity creates flexibility that allows innovation and adoption of new, more efficient approaches over time without overhauling entire systems.

Fast Healthcare Interoperability Resources (FHIR) is an important standard for achieving interoperability, and ONC has developed a strategy for promoting development of FHIR apps.





GUIDING PRINCIPLE #9: Maintain Modularity

Connecting and Accelerating a FHIR App Ecosystem

Rolling Out a FHIR-App Strategy

The strategy seeks to leverage the growing interest in an industry-wide approach to open, standardized APIs.

The strategy has three goals:

1. Help consumers get and use their data.
2. Improve user experience and utility for individuals and clinicians.
3. Coordinate open information about EHR app solutions.

The screenshot shows a tweet from the official account of the Office of the National Coordinator for Health Information Technology (@ONC_HealthIT). The tweet text reads: "NEW #ONC winners for best written proposals for #app challenges using #FHIR #APIs ow.ly /omRM302mRw0 #HealthIT". The main image in the tweet is a blue graphic with white text that says "PHASE 1 WINNERS ANNOUNCED" and "BEST WRITTEN PROPOSALS". It also features the "App Challenges for Health IT" logo and the ONC logo. Below the image, the tweet shows 7 retweets and 10 likes, along with a row of profile pictures of users who interacted with the tweet. The timestamp is "2:45 PM - 20 Jul 2016".

Nationwide Interoperability Roadmap Guiding Principles

The Roadmap identifies clear principles for interoperability efforts in the next ten years, centered around the following principles:



The Roadmap has positively influenced nationwide interoperability, achieving progress in each of its ten guiding principles in the first year. This presentation is a snapshot of some of ONC's and our federal partners' progress and does not include all of the significant work being done in the field by stakeholders and across the federal family.

10

Consider
Current State/
Support
Advancement



GUIDING PRINCIPLE #10:

Consider Current State/ Support Advancement

**This past year,
we considered the current state
and supported advancement**

- By promoting programs and policies that foster innovation and progress



GUIDING PRINCIPLE #10:

Consider Current State/ Support Advancement

Promoting Advancement

Promoting Programs and Policies for Advancement

As information and technology demands evolve, the federal government has the opportunity to create pathways for the private sector to innovate, using programs and policies that do not impede the marketplace's progress.

ONC's Health IT Playbook and EHR Contract Guide are tools that help the market advance in its adoption and use of interoperable health IT.

mHealth in Clinical Research

Healthcare trends and advances in technology are helping providers capture data in new and innovative ways. This data is being used to improve patient care and advance research. The use of mobile devices in clinical research is growing rapidly, and this is leading to new insights and discoveries. The use of mobile devices in clinical research is growing rapidly, and this is leading to new insights and discoveries.

FAST FACT

THE GLOBAL HEALTH MARKET FOR M-HEALTH IS EXPECTED TO REACH \$40.1 BILLION BY 2018, UP FROM \$1.4 BILLION IN 2012.

PHOTO

PHOTO

14-1590



GUIDING PRINCIPLE #10:

Consider Current State/ Support Advancement

Promoting Advancement

Promoting Programs and Policies for Advancement

As information and technology demands evolve, the federal government has the opportunity to create pathways for the private sector to innovate, using programs and policies that do not impede the marketplace's progress.

ONC's Health IT Playbook and EHR Contract Guide are tools that help the market advance in its adoption and use of interoperable health IT.



POLITICO Magazine Trump Transition

Facebook
Twitter
Google+
Email
Clipboard
Print

Pulse Check: 'We are seeing the returns' on EHR investments, DeSalvo says
By DAN DIAMOND | 06/08/16 10:55 AM EDT

[Share on Facebook](#) [Share on Twitter](#)

The White House's champion on health IT says that the administration's \$30 billion investment in electronic records is paying off — and that surmounting challenges with data sharing are the next big barrier.

"We are seeing the returns," ONC chief Karen DeSalvo told POLITICO's "Pulse Check" podcast, saying that some health systems have proven that EHRs are improving care and quality. "I could tick off a list of them."

PULSE CHECK
POLITICO's Pulse Check
Karen DeSalvo on how data will tra...
Share

Cookie policy

Better Care,
Smarter Spending,
Healthier People.



The efforts of our public and private sector partners continue to move the country forward on a path to seamless interoperability.

While the nation has made considerable progress in the past year, ONC is committed to achieving the goals outlined in *A Shared Nationwide Interoperability Roadmap*. The long term results of these efforts will be better health care, smarter spending and healthier people.

To learn more about the information and resources in this presentation, visit www.healthit.gov/year-in-review