Annual Report Workgroup Update

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Aaron Miri, Co-Chair

September 14, 2022

Annual Report Workgroup Update

- Workgroup Membership

- Meeting Schedules and Next Steps

- Discussion of Draft Crosswalk of Topics for the HITAC Annual Report for FY22

Annual Report Workgroup Membership and ONC Staff

Member Name	Organization	Role
Medell Briggs-Malonson	UCLA Health	*Co-Chair*
Aaron Miri	Baptist Health	*Co-Chair*
Jim Jirjis	HCA Healthcare	*HITAC Committee Member*
Steven Lane	Sutter Health	*HITAC Committee Member*
Eliel Oliveira	Dell Medical School, University of Texas at Austin	*HITAC Committee Member*
Brett Oliver	Baptist Health	*HITAC Committee Member*
ONC Staff Name	**Title**	**Role**
Micky Tripathi	National Coordinator for Health Information Technology	*ONC Leadership*
Elise Sweeney Anthony	Executive Director, Office of Policy	*ONC Leadership*
Seth Pazinski	Division Director, Strategic Planning & Coordination	*ONC Leadership*
Michael Berry	Branch Chief, Policy Coordination	*Designated Federal Officer (DFO)*
Michelle Murray	Senior Health Policy Analyst	*ONC Staff Lead*

Meeting Schedules and Next Steps

Meeting Schedule for the Annual Report Workgroup

Month	Deliverables to Review
July 28, 2022	Develop list of topics for FY22 Annual Report
August 30, 2022	Develop crosswalk of topics for FY22 Annual Report
September 7, 2022	Develop crosswalk of topics for FY22 Annual Report
October 6, 2022	Develop crosswalk of topics for FY22 Annual Report
November 3, 2022	Develop draft FY22 Annual Report
December 1, 2022	Develop draft FY22 Annual Report for HITAC review
January-February 2023	Update draft FY22 Annual Report for HITAC approval
February-March 2023	Ready FY22 Annual Report for transmittal

Meeting Schedule for the Full Committee

Meeting Date	Action Items/Deliverables
August 17, 2022	Update on status of FY22 Annual Report development (discuss topic list)
September 14, 2022	Update on status of FY22 Annual Report development (discuss crosswalk)
October 13, 2022	Update on status of FY22 Annual Report development
November 10, 2022	Update on status of FY22 Annual Report development
January 2023	Review draft FY22 Annual Report
February 2023	Approve final FY22 Annual Report

Annual Report Workgroup Next Steps

- Continue to develop draft crosswalk of topics and draft report at workgroup meetings during the fall

- Provide periodic progress updates at HITAC meetings during the fall

- Present draft report for discussion at HITAC meetings in early 2023

Discussion of Draft Crosswalk of Topics for the HITAC Annual Report for FY22

Draft Crosswalk of Topics for the HITAC Annual Report for FY22

- In preparation for drafting the HITAC Annual Report for FY22, the Annual Report Workgroup developed a crosswalk document that considers gaps, challenges, opportunities, and recommended HITAC activities for a set of key topics across several target areas

- Additional topics will be covered in the landscape analysis for awareness

- The topics are grouped by several target areas defined in the Cures Act:
  1. Design and Use of Technologies that Advance Health Equity
  2. Use of Technologies that Support Public Health
  3. Interoperability
  4. Privacy and Security
  5. Patient Access to Information

Key Topics for the HITAC Annual Report for FY22
Target Area: Design and Use of Technologies that Advance Health Equity

Topic	Gap	Opportunity
Health Equity by Design	Ongoing efforts promote equity as a core design feature of health IT initiatives. However, many health IT systems and initiatives were not designed with health equity in mind.	• Promote "health equity by design" in health IT initiatives. • Define health equity, healthcare equity, and health data equity/data justice.
Inequities in Data Collection	Inequities in data availability and use often stem from inequities in data collection. When it is collected, health equity-related data is often collected inconsistently among and within sources.	• More industry standards supporting the collection of health equity data elements could be established and agreed upon. • Exchange of supplemental data could be increased to provide missing race and SDOH data.
Electronic Exchange of Health Equity and Social Determinants of Health (SDOH) Data	The electronic exchange of health equity and SDOH data, even when it is available electronically, remains uneven.	• Promote best practices for the electronic exchange of health equity and SDOH data. • Move toward unified race, ethnicity, and language standards.

Key Topics for the HITAC Annual Report for FY22
Target Area: Design and Use of Technologies that Advance Health Equity (cont.)

Topic	Gap	Opportunity
Bias: Algorithms and Clinical Decision Support (CDS) Tools, and Patient Interview Data	The design of artificial intelligence algorithms raises concerns about implicit biases in machine learning, e.g., regarding gender, race, and ethnicity. CDS tools may also contain implicit biases that impact care decisions or be applied inappropriately. Biases of individuals conducting patient interviews may impact data entered in patient records.	• Screen healthcare and public health data systems for bias in algorithms and clinical decision support tools to improve data used for decision-making. • Encourage use of digital tools to support clinicians in conducting unbiased patient interviews and screenings.

Key Topics for the HITAC Annual Report for FY22
Target Area: Use of Technologies that Support Public Health

Topic	Gap	Opportunity
Public Health Data Systems – Infrastructure	Coordination and standardization are needed to reduce gaps that impede the sharing of data important to public health.	Improve the bi-directional exchange of health information between public health and healthcare providers.
Public Health Data Reporting – Electronic Case Reporting (eCR)	The rapid expansion and adoption of eCR have enhanced communication between clinicians and public health organizations; however, improvements are still needed.	Expand the adoption and support for eCR by public health organizations, healthcare providers, and health IT developers. In particular, more standards are needed, and their use encouraged.
Public Health Data Reporting – Electronic Laboratory Reporting (ELR)	ELR adoption has increased, but standardization is needed to ensure consistency across systems.	Improve alignment of standards used by public health organizations, laboratories, healthcare providers, and health IT developers. In particular, the use of terminology standards could be improved.
Public Health Data Reporting – Syndromic Surveillance	Syndromic surveillance today is often limited to acute care settings.	Prepare for large-scale data needs outside of outbreaks and pandemics by expanding syndromic surveillance beyond acute care settings. eCR expansion is needed to implement increased syndromic surveillance.
Public Health Informatics Workforce	Challenges remain to establishing and maintaining a well-equipped public health workforce.	Improve the IT capabilities and capacity of the public health workforce.

Key Topics for the HITAC Annual Report for FY22
Target Area: Interoperability

Topic	Gap	Opportunity
Streamlining of Health Information Exchange	While electronic data exchange adoption continues to grow, interoperability between different health IT systems remains a challenge.	Leverage TEFCA to advance interoperability and reduce the number of methods of electronic exchange health organizations need to use.
Interoperability Standards Priority Uses – Closed-Loop Referrals	There is a lack of cross-organization support for closed-loop referrals, including for social services.	• Explore the opportunities to advance standards that can improve systems for closed-loop referrals. • Explore opportunities to increase the adoption of electronic systems by social services organizations
Interoperability Standards Priority Uses – ePrior Authorization	There is a lack of common standards to support prior authorization across payers.	Explore the opportunities to advance standards that can improve systems for prior authorizations.
Directory Standards and Management	Healthcare stakeholders struggle to find the digital contact information for healthcare providers for health information exchange.	Improve the availability of electronic endpoints.

Key Topics for the HITAC Annual Report for FY22
Target Area: Interoperability (cont.)

Topic	Gap	Opportunity
Standards for Patient Matching	Patient matching when sharing data needs to be improved, especially for vulnerable populations.	• Address alignment of incentives and certification programs across domains to encourage an ecosystem-based approach to improve patient matching. • Explore the development of standards that enable the linking of de-identified data.
Use of Telehealth	Unique interoperability considerations exist for the equitable use of telehealth to help reduce the digital divide.	• Improve bi-directional exchange between telehealth providers and a patient's care team. • Explore the development of best practices to support equitable telehealth implementation.

Key Topics for the HITAC Annual Report for FY22
Target Area: Privacy and Security

Topic	Gap	Opportunity
Alignment of Innovation and Regulation	Providers and hospital systems are adopting APIs but are concerned about unauthorized data exposure and added liability.	Encourage the health IT industry to accelerate innovation in areas where existing regulations are in place.
Alignment of Innovation and Regulation – Consent Directives	The pace of industry innovation is sometimes faster than that of the regulatory environment for consent directives.	Support the adoption of common standards to capture and exchange electronic consent directives.
Appropriate Exchange and Use of Data	Complying with the HIPAA minimum necessary standard is difficult without improved electronic data segmentation capabilities.	• Promote the development and adoption of implementation guides that support improved data segmentation capabilities. • Explore opportunities to reduce the burden on healthcare providers of tracking the evolving privacy landscape across the nation.
Cybersecurity Events across the Healthcare Infrastructure	Cybersecurity events continue to increase.	Offer guidance to the healthcare sector on ways to improve cybersecurity preparedness.
Privacy of Sensitive Health Data	There is a lack of standards supporting the segmentation of sensitive health data, including for women and gender-diverse populations.	• Improve stakeholders understanding of existing privacy protections. • Identify opportunities to improve technical and operational approaches to protect sensitive health data.

Key Topics for the HITAC Annual Report for FY22
Target Area: Patient Access to Information

Topic	Gap	Opportunity
Safety and Impact of Mobile Health Apps	There is a lack of meaningful analyses of mobile health app efficacy as well as guidance on data security.	Support awareness and education for providers and patients regarding the validity and safety of mobile health applications.
Cost Transparency	Low compliance among hospitals with price transparency rules, as well as non-user-friendly methods of sharing complex data, hinder patient access and use of price-related information.	Further understand patients' experience accessing and using cost transparency data.
Consolidation of Health Information	Challenges persist in patients' ability to access, consolidate, and share their health information across multiple portals and systems into a single view.	• Streamlined access, consolidated viewing, and increased sharing of patient data are needed by patients. • Support the development of apps that address the needs of underserved communities.

Thank you!