Annual Report Workgroup Update

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Annual Report Workgroup Update

- Workgroup Membership

- Meeting Schedules and Next Steps

- Update on Draft Crosswalk of Topics for HITAC Annual Report for FY20

Meeting Schedules and Next Steps

Health Information Technology Advisory Committee
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Meeting Schedule for Workgroup

Month	Deliverables to Review
May 20, 2020	Develop list of topics for FY20 Annual Report
June 4, 2020	Develop list of topics for FY20 Annual Report
July 22, 2020	Develop list of topics for FY20 Annual Report
August 6, 2020	Complete list of topics for FY20 Annual Report; Develop crosswalk of topics for FY20 Annual Report
September 16, 2020	Develop crosswalk of topics for FY20 Annual Report
September 30, 2020	Develop crosswalk of topics for FY20 Annual Report
October 16, 2020	Complete crosswalk of topics for FY20 Annual Report
November 19, 2020	Develop draft FY20 Annual Report
December 17, 2020	Develop draft FY20 Annual Report for HITAC review
January-February 2021	Update draft FY20 Annual Report for HITAC approval
February-March 2021	Ready FY20 Annual Report for transmittal

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Meeting Schedule for Full Committee

Meeting Date	Action Items/Deliverables
June 17, 2020	Update on status of FY20 Annual Report development
September 9, 2020	Update on status of FY20 Annual Report development
October 21, 2020	Update on status of FY20 Annual Report development
November 10, 2020	Update on status of FY20 Annual Report development
January 2021	Review draft FY20 Annual Report
February 2021	Approve final FY20 Annual Report

HITAC Annual Report for FY20

- Next steps for Annual Report Workgroup

  - Discuss outline and draft of annual report at workgroup meetings in November and December

  - Present draft of HITAC Annual Report for FY20 at HITAC meeting in early 2021

Update on Draft Crosswalk of Topics for HITAC Annual Report for FY20

Draft Crosswalk of Topics for HITAC Annual Report for FY20

- In preparation for drafting the HITAC Annual Report for FY20, the Annual Report Workgroup developed a crosswalk document that considers gaps, challenges, opportunities, and recommended HITAC activities for a set of key topics

- 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. Use of Technologies that Support Public Health

  2. Interoperability

  3. Privacy and Security

  4. Patient Access to Information

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Key Topics for HITAC Annual Report for FY20
Target Area: Use of Technologies that Support Public Health

Topic	Gap	Recommended HITAC Activities (Proposed)
Exchange of clinical data	Need to collect information from clinicians and laboratories for public health reporting.	1. Suggest HHS guidance on minimum necessary datasets for exchange for public health, e.g., with laboratories, especially for test order entry and case reporting. 2. Hold a hearing to understand stopgap solutions implemented to improve reporting capabilities and assess whether additional long-term solutions are needed. 3. Facilitate acceleration of the practical use of data standards to improve situational awareness for local, state, and federal government emergency response. 4. Conduct a listening session to learn about the successes and remaining barriers to exchange by HIEs to support public health, including how to expand their role.
Privacy and security	Issues for biosurveillance efforts, telehealth, and remote monitoring	1. Help clarify what data can be collected and how it can be used. 2. Identify educational approaches that offer improved transparency of privacy protections applicable to contact tracing applications and biosurveillance technologies. 3. Encourage clinical workforce and patient education/re-education on use of technology for telehealth (including smartphones). 4. Encourage guidance about privacy and security protections of public health information across varying state laws

Key Topics for HITAC Annual Report for FY20
Target Area: Use of Technologies that Support Public Health (cont.)

Topic	Gap	Recommended HITAC Activities (Proposed)
Vaccine Tracking	Lack access to data about unimmunized populations and where patients are obtaining vaccines so that at-risk groups can be targeted for interventions	Hold a listening session to identify opportunities and barriers for healthcare and public health organizations, and highlight successful vaccine program interventions using predictive analytics.
Patient matching	Key information missing when shared from laboratories and contact tracing records	Develop tactical recommendations based on ONC's forthcoming Patient Matching Report to Congress, including consideration of expanded use of AI and related privacy and security concerns as well as increased alignment of government public health reporting requirements and guidance.
International exchange of clinical data	Countries need more information about health status of travelers.	Hold a listening session to identify opportunities and barriers for the use of health IT in international exchange as well as lessons learned that can be applied domestically. Panelists could include the Centers for Disease Control and Prevention (CDC), World Health Organization (WHO), Global Health Data Partnership (GDHP), Dept. of Commerce, clinician representatives, and privacy and security experts.

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Key Topics for HITAC Annual Report for FY20
Target Area: Interoperability

Topic	Gap	Recommended HITAC Activities (Proposed)
Exchange of health data across the care continuum	Need greater interoperability across the broader care continuum.	1. Learn more about recent developments in standards and exchange in the areas of patient-reported outcomes (PROs), e.g., 2020 AHRQ report, and SDOH data, e.g., HL7's Gravity project. 2. Identify and help improve data streams where interoperability is a challenge to sharing broader datasets, especially when a pandemic affects healthcare settings like long-term post-acute care and any transitions to and from those settings.
Association between EHRs and patient safety	Use of health IT can impact patient safety.	1. Review changes that could be made to the Health IT Certification Program to support improvements to EHRs to support patient safety. 2. Suggest that ONC conduct an initiative to further define patient safety and any gaps where technology does not support that definition, then develop a roadmap for better health IT support for patient safety by 2023. 3. Collaborate with the FDA to explore the use of health IT in automating collection and sharing of data about adverse events for drugs and devices.

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Key Topics for HITAC Annual Report for FY20
Target Area: Interoperability (cont.)

Topic	Gap	Recommended HITAC Activities (Proposed)
Exchange of Social Determinants of Health (SDOH) data	Lack of standards and data availability, patient matching challenges, and variation among community service providers' IT systems	1. Suggest updates on SDOH data for the ONC Patient Engagement Playbook. 2. Convene a group of stakeholders from healthcare entities, payers, SDOH technology companies, community-based organizations, and standards development projects to understand the state of SDOH data exchange in practice and identify gaps and barriers.
Increased health equity across populations, locations, and situations	Data are not systematically collected nor used to identify disparities in outcomes, healthcare, and risk.	Convene stakeholders, e.g., healthcare organizations, health IT developers, and patient advocacy groups, to discuss: a. How to improve collection and sharing of data that can support identifying and addressing disparities in healthcare b. The current state and potential improvements of the accessibility of consumer-facing health IT by diverse populations c. Non-traditional sources of health information that could be made interoperable to better serve at-risk populations

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Key Topics for HITAC Annual Report for FY20
Target Area: Interoperability (cont.)

Topic	Gap	Recommended HITAC Activities (Proposed)
Sharing data with the research community	Concerns about data quality, governance, and access to data	1. Hold listening sessions to learn more about gaps in standards needed by the research community, which is accountable to institutional review boards (IRBs). 2. Identify educational approaches that increase awareness and promote the implementation of the *National Health IT Priorities for Research: A Policy and Development Agenda*.
Use of metadata	Many data management tasks are still manual that could be automated	Charge a HITAC subcommittee to review and provide recommendations regarding metadata standards and potential additions to the USCDI.

Key Topics for HITAC Annual Report for FY20
Target Area: Privacy and Security

Topic	Gap	Recommended HITAC Activities (Proposed)
Beyond HIPAA: Rules for sharing	Clear rules are lacking for data not subject to HIPAA protections.	1. Hold listening sessions to learn more about HHS and FTC activities, as well as approaches of third-party app developers. 2. Explore patient and clinician experiences with the sharing of health data with third-party technology companies to continue to identify best practices and gaps. 3. Review government and industry activities already underway protecting the privacy and security of health data shared with third-party technology companies.
Beyond HIPAA: Consent	A lack of clarity exists about the parameters of data sharing and disclosure, and their implications for consent.	1. Identify educational approaches and potential regulatory solutions that offer improved transparency of privacy protections outside the purview of HIPAA. 2. Suggest steps toward a consistent technical and operational approach to capturing and managing consent. 3. Explore ways clinicians can educate patients about the benefits and potential risks of using third-party apps as contemplated by the ONC Cures Act Final Rule and about the need to review and comprehend the apps' privacy policies.

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Key Topics for HITAC Annual Report for FY20
Target Area: Privacy and Security (cont.)

Topic	Gap	Recommended HITAC Activities (Proposed)
Beyond HIPAA: Internet of Things (IoT)	Security risks and concerns about informed consent increase as IoT objects become more integrated with health IT systems.	1. Identify best practices for increasing the privacy and security of connected devices. 2. Identify educational approaches that increase awareness of the privacy and security issues related to the IoT and ways to reduce them.
Privacy and security of synthetic data	HIPAA constraints limit the ability to conduct research and train machine learning models using large-scale datasets.	Hold listening sessions to determine whether the use of synthetic data raises any unintended privacy risks, such as the ability to use AI to re-identify the actual patients on which the synthetic health data are based.

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Key Topics for HITAC Annual Report for FY20
Target Area: Patient Access to Information

Topic	Gap	Recommended HITAC Activities (Proposed)
Safety and impact of mobile health apps	There is increasing concern about the clinical accuracy of consumer-facing mobile health apps and the potential for patient harm.	1. Support the existing efforts of consortia that are working to vet apps based on their safety and accessibility and educate patients about the findings of the consortia. In particular, investigate if frameworks or scorecards for assessing apps exist or are being developed; if so, raise awareness of these efforts. 2. Explore ways the safety of mobile health applications could be enhanced. 3. Hold a listening session on the impact of the use of apps (as opposed to the current portal systems) on patient challenges in collecting, accessing, using, and sharing their health data. Areas to consider include the efficacy, patient experience, and remaining challenges of the use of apps.
Correction of incorrect clinical data and the ramifications of exchange of this data	Transparency about the accuracy of patient data and consent to share it are lacking for patients	Hold a listening session to: a. Identify approaches that clinicians and HIEs are taking to correct incorrect data, including incentives for widespread correction. b. Discuss liability considerations related to exchanging and correcting incorrect data. c. Learn about organizational policies and mechanisms for patients to document change requests, and how data provenance of patient corrections is being tracked.

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Thank you!

Optional Slides from Presentation on 9/9/20

Topics for HITAC Annual Report for FY20

- Additional topics to describe in the landscape analysis, carried over from the HITAC Annual Report for FY19
  - Target Area: Interoperability
    - Federal activities including ONC Cures Act final rule and Trusted Exchange Framework and Common Agreement (TEFCA) program
    - More on health information exchange
    - More on standards
    - Unique device identifier (UDIs)
    - Health IT support for opioid epidemic response
    - Patient matching and verification

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Topics for HITAC Annual Report for FY20

- Additional topics to describe in the landscape analysis, carried over from the HITAC Annual Report for FY19

  - Target Area: Privacy and Security

    - International and state data exchange and privacy considerations

    - Cybersecurity

    - Machine learning and artificial intelligence in healthcare

  - Target Area: Patient Access to Information

    - Use and sharing of patient-generated health data (PGHD)

    - Prescription of apps, i.e., digiceuticals