



# Annual Report Workgroup Update

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Health Information Technology Advisory Committee

The Office of the National Coordinator for Health Information Technology



# 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



## 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

## 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
  - Continue discussion of draft crosswalk at HITAC meeting on November 10, 2020
  - 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 is developing a crosswalk document that considers gaps and opportunities for a set of key topics
- This analysis will eventually result in a set of associated recommended HITAC activities
- 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. Technologies that Support Public Health
  2. Interoperability
  3. Privacy and Security
  4. Patient Access to Information



# Key Topics for HITAC Annual Report for FY20

## Target Area: Technologies that Support Public Health

Topic	Gap	Opportunity
Exchange of clinical data	Need to collect information from clinicians and laboratories for public health reporting	Improve interoperability between public health reporting systems and EHRs, accelerate use of data standards to improve situational awareness, and explore an expanded role for health information exchanges (HIEs) to support public health
Privacy and security	Issues for biosurveillance efforts, telehealth, and remote monitoring	Increase the clarity about the privacy and security concerns associated with biosurveillance and remote care activities
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	Investigate how predictive analytics can be used to a) anticipate needs for vaccines and to target outreach among high-risk populations, including for flu and COVID-19 prevention, and b) better target outreach, education, and response efforts and strategies
Patient matching	Key information missing when shared from laboratories and contact tracing records	Improve patient matching through expanded use of artificial intelligence (AI)
International exchange of clinical data	Countries need more information about health status of travelers	Share and apply lessons learned across many countries about the use of health IT to support public health, e.g., for electronic case reporting

# Key Topics for HITAC Annual Report for FY20

## Target Area: Interoperability

Topic	Gap	Opportunity
Exchange of health data across the care continuum	Need greater interoperability across the broader care continuum	Encourage collection of more complete data about a patient to help clinicians identify risk factors for procedures, offer interventions, and provide targeted care
Association between EHRs and patient safety	Impact of health IT on patient safety	Define factors that increase and decrease the safety of health IT that affect patient outcomes
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	Develop and adopt standards for SDOH data collection, transfer, and integration for population health and individuals' needs
Increased health equity across populations, locations, and situations	Data is not systematically collected nor used to identify disparities in outcomes, healthcare, and risk	Advance requirements to collect and share data about groups experiencing health inequities, including non-traditional sources of health information
Sharing data with the research community	Concerns about data quality, governance, and access to data	Increase alignment between the clinical and research health information ecosystems to enable prospective and ongoing research to happen more quickly and effectively
Use of metadata	Many data management tasks are still manual that could be automated	Determine the types of metadata and related standards necessary to facilitate machine-based, clinical data management

# Key Topics for HITAC Annual Report for FY20

## Target Area: Privacy and Security

Topic	Gap	Opportunity
Beyond HIPAA: Rules for sharing	Lack of clear rules for data not subject to HIPAA protections	Support increased transparency and patient education for business practices and other potential uses of patient health data when healthcare organizations share or license data to technology companies
Beyond HIPAA: Consent	Lack of clarity about the parameters of data sharing and disclosure, and their implications for consent	Improve clarity around patient consent for exchange of their data, and further their understanding of the accuracy and validity of clinical information offered by third-party apps
Beyond HIPAA: Internet of Things (IoT)	Security risks and concerns about informed consent increase as IoT objects become more integrated with health IT systems	Increase awareness of the privacy and security risks of using the IoT to collect health-related data
Privacy and security of synthetic data	HIPAA constraints limit the ability to conduct research and train machine learning models using large-scale datasets	Explore the extent to which the use of synthetic health data raises privacy and security issues in both research and healthcare settings

# Key Topics for HITAC Annual Report for FY20

## Target Area: Patient Access to Information

Topic	Gap	Opportunity
Safety and impact of mobile health apps	Safety and effectiveness concerns with consumer-facing mobile health applications	Provide reliable information about the quality of apps to enable clinicians to advise patients about app use and to empower patients when using apps to make decisions about their care
Correction of incorrect data	Transparency about the accuracy of patient data and consent to share it are lacking for patients	Increase clarity on the applicable statutes and liability that apply to the exchange of incorrect data



**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

## 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