

Health Information Technology Standards Advisory Committee (HITSAC) Genomics Working Group Charter

The HITSAC Genomics Working Group has been established by HITSAC to investigate requirements within the Commonwealth of Virginia for health information technology (IT) standards to support interoperability for the exchange of information in personalized medicine, clinical genomics, genetic research and related bioinformatics. The Working Group will ~~conduct its work in conjunction with the Division of Laboratory Science and Standards, U.S. Center for Disease Control and Prevention, focus its investigation on health IT standards, nomenclature, data structures, governance and related information architecture requirements. The Working Group will~~ and provide to HITSAC a summary report of its findings with recommendations for prospective Commonwealth health IT standards and pilot projects.

HITSAC is an advisory committee appointed by the Information Technology Advisory Council (ITAC). HITSAC is tasked with assisting the ITAC in providing advice to the Commonwealth Chief Information Officer on the utilization of nationally recognized technical and data standards for health IT systems or software, pursuant to subdivision A 5 of § 2.2-2699.6 of the *Code of Virginia*. A statement of HITSAC's guiding principles, responsibilities and statutory authority may be found in the [HITSAC Committee Charter](#).

Working Group ~~Responsibilities~~ Methodology

1. Conduct fact-finding and a literature review on the current state of health IT standards and interoperability for personalized medicine, clinical genomics, genetic research and related bioinformatics within the Commonwealth of Virginia ~~for the purpose of creating standards and associating with clinical outcomes for genomics~~.
2. Examine ~~laboratory, clinical and other~~ relevant use cases within the Commonwealth requiring health IT standards for personalized medicine, clinical genomics, genetic research and bioinformatics focusing on health IT standards, nomenclature, data structures, governance and related information architecture requirements at the clinical/laboratory and population/public health level.
3. Engage the ~~Division of Laboratory Science and Standards, U.S. Centers~~ for Disease Control and Prevention (CDC), Health Level 7 (HL7) and other stakeholders in the community of interest to support collaborative research on CDC initiatives for clinical genomics health IT standards, nomenclature, data structures, governance and related information architecture requirements and associated laboratory standards.

4. Document the findings from the research, use cases and CDC-stakeholder engagement in a summary report with recommendations to HITSAC for health IT standards to advance the theory, practice and clinical utility of personalized medicine, clinical genomics, genetic research and related bioinformatics inform the health IT standards community and provide a functional profile for interoperability to support health information exchange.

Working Group ~~Deliverables~~ Final Products

1. Documented ~~laboratory, clinical and other relevant~~ use cases within the Commonwealth focusing on health IT standards, nomenclature, data structures, governance and related information architecture requirements for sharing and managing data derived from clinical genomics, genetic research and related bioinformatics.
2. Recommendations to HITSAC for pilot activities based on the use cases at the clinical/laboratory and population/public health levels, with defined ~~clinical quality interoperability measures requirements~~ for each pilot.
3. Summary report to HITSAC transmitting findings from the ~~research, use cases, pilot activities investigation~~ and CDC-stakeholder engagement with recommendations ~~to HITSAC~~ for prospective health IT standards and pilot projects for the Commonwealth.