

**CSTE Surveillance/Informatics Steering Committee Update
CSTE Executive Board Meeting, January 2018**

Steering Committee Chair: Kathy Turner, PhD, MPH

CSTE Staff: Meredith Lichtenstein Cone, MPH, Janet Hui, MPH, Shaily Krishan, MPH,
Brooke Beaulieu, MPH**Discussion Items:**

- The Future of RCKMS
- SRCA

**Surveillance Practice and Implementation Subcommittee – Gillian Haney (MA)**

- State Reportable Conditions Assessment (SRCA): The CSTE SRCA workgroup identified feasible revisions to both the collection and query tools. The SRCA is currently in the pilot phase, and will launch widely with an accompanying instructional webinar in February.
- Reportable Conditions Knowledge Management System (RCKMS): CSTE is continuing RCKMS Phase IV development activities and supporting the Digital Bridge Initial Implementations (see next page).
- Data Standardization Workgroup: This new workgroup convenes epidemiologists and informaticians to develop consensus on common definitions for core surveillance data elements to address jurisdictional variation. Molly Crockett (MA) and Shannon Harney (TN) are co-chairing the workgroup. CSTE is currently seeking a consultant (through an RFP process) to facilitate workgroup discussions and develop workgroup products. Initial workgroup discussions will focus on HL7-based reporting, starting with GenV2 data elements associated with dates.
- Subcommittee Call Topics:
 - NNDSS Modernization Initiative (NMI) MMG implementation and evaluation updates
 - Digital Bridge Electronic Case Reporting (eCR) progress updates
 - Presentation on CDC Data Standardization & Harmonization Efforts for Travel History
 - Presentation on Integrating Syndromic Surveillance & Laboratory Data for Viral Hepatitis Risk Analysis
 - Discussion about jurisdictional processes for sending out-of-jurisdiction case notifications (about general communicable diseases, vaccine-preventable diseases, and STDs) to other jurisdictions

**Surveillance Policy Subcommittee – Sherri Davidson (AL)**

- Held presentation series on data suppression guidelines for nationally notifiable conditions, including presentations on legal perspective on data release guidelines and jurisdictional experiences developing policies.
- Forming new Data Release workgroup to develop guidance related to data suppression policies.
- Future subcommittee topics include an update on 2018 CSTE Position Statement Templates and coordinating CSTE feedback on MMGs.

**Electronic Laboratory and Disease Reporting Subcommittee – Kate Goodin (Maricopa County, AZ)**

- Hosted presentations from Utah on experiences with surveillance system integration and Master Patient Index (MPI)
- Reviewed content of past CSTE NEDSS and ELR Assessments and learned what data CDC collects on surveillance systems, ELR for ELC reporting purposes so that future S/I assessment(s) do not duplicate data already collected. CDC is investigating if data collected from jurisdictions can be shared so CSTE can expand upon via assessment and report development.

Funded Project Reports

- **Informatics Field Assignee (IFA) Pilot Project:** CSTE awarded funding to NC, KY, and SD to recruit and hire an IFA for a 1-year assignment (summer 2017-summer 2018). Funding is expected to continue to support these assignees for a 2nd year. An evaluation of the IFA model for increasing informatics workforce capacity, as well as statements of impact from each participating jurisdiction, will be available summer 2018. In December 2017, CSTE re-released the RFP for a 2nd round of applications to provide funding for an additional 1-2 jurisdictions (applications due January 2018) and received 12 applications.
- **NNDSS Modernization Initiative (NMI):** CSTE communications activities (NMI eSHARE call hosting and NMI Notes newsletter distribution) and evaluation activities continue. APHL-provided TA now supports the implementation of Mumps, Pertussis, Varicella, and Foodborne and Diarrheal Disease (FDD) MMGs, in addition to pilot MMGs (Gen v2, Hepatitis, STD, and Congenital Syphilis). A CSTE/CDC NMI leadership meeting was held in December 2017 to strategize ways to streamline data collection tools and methods for NMI evaluation, improve communication with jurisdictions to disseminate evaluation findings, and increase involvement of jurisdictions in the MMG development process. As of January 17, 2018, the following states are in production for the listed MMGs:
 - Alaska: Gen v2
 - Arizona: Arbo v1.3
 - Arkansas: Arbo v1.3
 - California: Gen v2
 - Delaware: Arbo v1.3
 - Florida: Gen v2, Hepatitis, Arbo v1.3
 - Idaho: Hepatitis, Arbo v1.3
 - Illinois: Genv2
 - Kansas: Gen v2
 - Maryland: Arbo v1.3
 - Michigan: Gen v2, Hepatitis
 - Minnesota: Gen v2, Hepatitis
 - Mississippi: Gen v2
 - New York: Gen v2, Arbo v1.3
 - Oregon: Gen v2, Hepatitis, Arbo v1.3
 - South Carolina: Gen v2
 - South Dakota: Arbo v1.3
 - Tennessee: Arbo v1.3
 - Texas: Arbo v1.3
 - Wisconsin: Gen v2, Arbo v1.3
- **Antimicrobial Resistance (AR) Surveillance Taskforce:** The Taskforce, which is co-led by CSTE, CDC, and APHL, is focused on implementing priorities identified in the Taskforce's strategic plan. Three workgroups were formed in 2017:
 - The Core Group provides oversight and governance.
 - A lab data workgroup to address issues regarding providing lab data to Public Health (lead and managed by APHL).
 - An informatics workgroup focused on informatics tools for epidemiology.
 - Helped in development of an MMG for CP-CRE by identifying data elements, valid values, and other technical content.The Taskforce held an in-person meeting in December 2017 to finalize workgroup strategic objectives and to brainstorm an assessment plan for 2018, including what questions should be assessed, target audiences and stakeholders, and methods to gather data (existing resources and new).
- **Reportable Conditions Knowledge Management System (RCKMS):** CSTE is continuing Phase IV of the RCKMS project, which focuses on implementing key enhancements to support production use and providing technical support for the Digital Bridge eCR Initial Implementations (pilots). The current activities are:
 - *Technical Development:* CSTE is continuing to partner with OpenCDS Implementer HLN Consulting, LLC on development of the RCKMS tool. Requirements gathering and development is underway for key enhancements including versioning and support for the Reportability Response.
 - *Implementation of Default Content:* CSTE has made significant progress in reviewing, re-vetting, and implementing default reporting specifications for 74 nationally notifiable conditions. Default content has been implemented for enteric, sexually transmitted, and bloodborne diseases. The next disease categories targeted for default content implementation are vaccine-preventable, respiratory, and non-infectious conditions. Default content for all 74 NNCs is anticipated to be complete by June 2018.
 - *Digital Bridge Initial Implementations:* The RCKMS continues to work with APHL to support the Digital Bridge eCR Initial Implementations, specifically the Wave 1 sites. The technical team is currently conducting testing, and will begin onboarding MI in February 2018.

- eCR Adoption Toolkit: CSTE will contract with Kelley Chester of C3 Informatics, LLC to finalize the development of tools that will be housed in the CSTE eCR Adoption Toolkit. Work will restart in winter 2018. CSTE will build the online toolkit in-house with outside design support.
- Harmonization: CSTE and CDC will present on the February 2018 Joint ONC-CDC Public Health National Call. A spring harmonization workshop is in the planning phase.

Liaisons

- Association of State and Territorial Health Officials (ASTHO) Informatics Directors Peer Network– *Vacant*
- BioSense Governance Group – Jim Collins (MI)
- HL7 Public Health Workgroup (previously PHER Workgroup) – Erin Holt Coyne (TN)
- Joint Public Health Informatics Taskforce (JPHIT) – Janet Hamilton (primary) & Kathy Turner (secondary)
- International Society for Disease Surveillance (ISDS) – *Vacant*
- National Association for Public Health Statistics and Information Systems (NAPHSIS) – Kate Goodin (Maricopa County)
- NEDSS Base System (NBS) User Group – Erin Holt Coyne (TN)