

BioSense 2.0 Resources

BioSense 2.0 Data Visualizer

- Schedule a one-on-one demo during CSTE Annual Conference by visiting the RTI booth in the Exhibit Hall.
- See the “Nov10BioSensefeatures.pdf” for screenshots of the Data Visualizer <biosenseredesign.org/library>
- Register for a BioSense account at <https://biosen.se>. All public health agency employees are eligible.



Webinars:

- BioSense 2.0 Application Demo and Implementation Details - This CSTE and NACCHO co-hosted session contains an application demonstration and details about the technical components of BioSense 2.0, the implementation process, and the resources available through the BioSense Technical Assistance Team. <cste.org/BioSense.asp>

Syndromic Surveillance 101 and Data Uses

- ISDS Syndromic Surveillance 101 online course - This series of four learning modules provides an overview of syndromic surveillance: the use of near “real-time” pre-diagnostic data and statistical tools to detect and characterize unusual disease activity for further public health investigation. <thci.org/syndromic101>
- J. Buehler et.al. (2009). Situational Uses of Syndromic Surveillance. *Biosecurity and Bioterrorism: Biodefense Strategy, Practice and Science*, v7.2. <biosenseredesign.org/library>

Webinars:

- Valuable Uses of Syndromic Surveillance Data - This CSTE and NACCHO co-sponsored webinar showcases valuable uses of emergency room data for public health. The Florida Department of Health and the Boston Public Health Commission present examples of how emergency department data from their respective syndromic surveillance systems impact epidemiology, surveillance, and response in their jurisdictions. <cste.org/BioSense.asp>
- How the Centers for Disease Control Utilized BioSense 1.0 Data - This webinar details ways the CDC used data from BioSense 1.0 for federal-level public health activities. <cste.org/BioSense.asp>

BioSense Data Elements, Transport, Analysis, and Security

- Documents: all available at <biosenseredesign.org/library>
 - Data Access: “Viewing Raw BioSense Data”
 - Analytics: “BioSense Analytics: Aberration Detection Algorithms”
 - Security: “BioSense 2.0 IA Summary”
 - Data Elements: “PHINMSGGuideforSSEDandUCDataRelease” is the PHIN Messaging Guide for Syndromic Surveillance”



Webinars:

- Data Analysis Tools - ASTHO sponsored webinar on common data analysis tools supported in the BioSense 2.0 cloud. Email sgordon@astho.org for link to webinar recording.
- Data Security in the BioSense 2.0 System - ASTHO sponsored this session detailing the security features within BioSense 2.0. <cc.readytalk.com/play?id=di4j5k>
- BioSense 2.0 Data Transport Mechanisms - ASTHO sponsored webinar on the data transport mechanisms supported by BioSense 2.0. <cc.readytalk.com/cc/playback/Playback.do?id=9233ot>
- Public Health Surveillance in the Internet Cloud: The BioSense 2.0 Experience - This ISDS-sponsored webinar introduces some basic principles of cloud computing and presents details about the government cloud services of the BioSense 2.0 environment. <www.syndromic.org/webinars/isds/feb92012>

BioSense Data Use Agreement

- Contact ASTHO's Director of Informatics Dr. Scott Gordon with DUA questions – (571) 527-3160 and sgordon@astho.org

Webinar:

- BioSense Data Use Agreement - ASTHO hosted a webinar on the BioSense 2.0 Data Use agreement directed toward state and local public health agency attorneys. <cc.readytalk.com/cc/playback/Playback.do?id=bz6jfi>