

What to Expect: BioSense 2.0 Rollout and Beyond

What Is BioSense 2.0?

BioSense 2.0, an interactive partnership between the Centers for Disease Control and Prevention (CDC) and the public health community, is designed to track health problems in the United States as they evolve. BioSense 2.0 helps automate public health syndromic surveillance data collection and provides timely public health information. BioSense 2.0 provides public health officials at all levels with the data, information, and tools they need to make better decisions about how to protect and improve the health of all people.

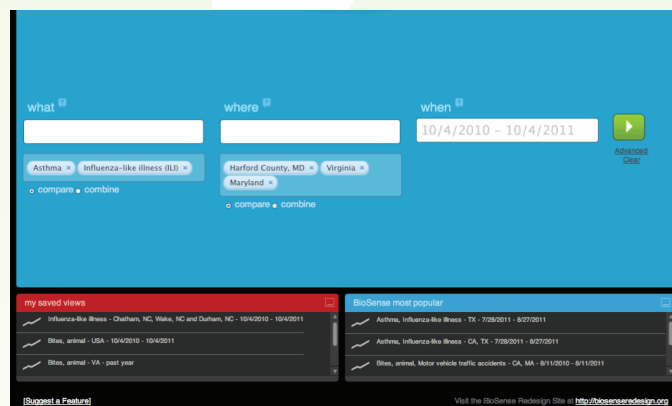
What Are the Benefits?

BioSense 2.0 helps you track and assess syndromic activity within and beyond your jurisdiction. BioSense 2.0 integrates current health data from health departments and a variety of sources, including hospital emergency departments, pharmacies, laboratories, and others, to provide insight on the health of communities and the country. Such data are vital and help guide decision making and actions by public health agencies at local, regional, and national levels.

Phased Rollout: What to Expect

Starting November 15, 2011, BioSense 2.0 will be open for business! To ensure that it remains flexible and responsive to users' changing needs, BioSense 2.0 is community controlled and user driven. Therefore, the development and evolution of BioSense 2.0 will continue in phases after the November rollout.

The BioSense 2.0 system features health data presented visually at a basic, qualitative epidemiological level (i.e., what, when, and where); as a user, you can access data and analyses through a dedicated search engine. Additional features include:



BioSense 2.0 search screen

Data Submission

You can use the BioSense 2.0 environment to view data submitted from participating hospitals and store them in a secure space your jurisdiction owns and controls solely. Moreover, BioSense 2.0 can transform line-level data in formats most useful to public health.

The November 2011 rollout will include only line-level data submissions from health departments or from providers to health departments that use BioSense 2.0 as their syndromic surveillance system. We plan to accommodate submissions of aggregate-level data from health departments when users and the governance body see this as an implementation priority.

New high-priority data types (i.e., lab results and diagnostic and clinical data from electronic medical records) will be added soon to further increase the utility and value of the system. In the future, CDC will work with the community to address data submissions for outpatient and inpatient visits.

Data Sharing

As a BioSense 2.0 user, you can decide whether to share your de-identified data with other jurisdictions and at what level (i.e., facility, city, county, or state level). Similarly, CDC can only view data in a shared surveillance environment if you invite them as a collaborator. CDC cannot remove or publish data under a health department's control without the department's express consent and notification, as specified in the Data Use Agreement.

Search Engine

The BioSense 2.0 search engine allows you to

- Compare or combine multiple locations
- Compare or combine multiple conditions
- Search by state or county
- See what other BioSense 2.0 users have shared and how their data views are trending
- Filter search results by demographics, data source, and others
- Save data views for quick access to routine tracking activities.

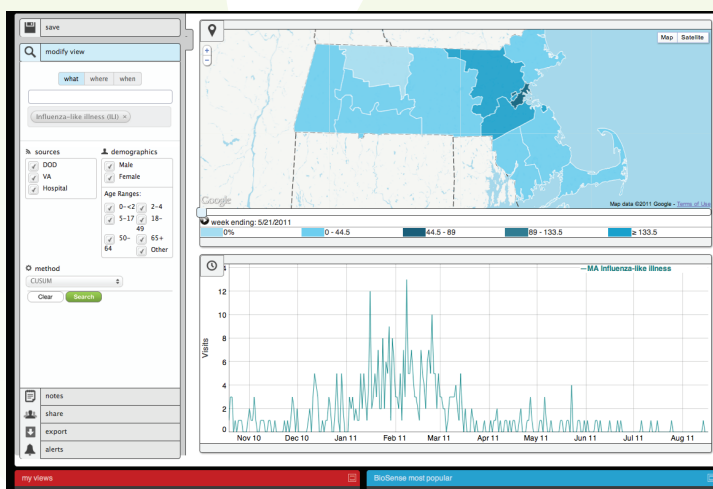
Data View

The data view capability gives users quick data access and sharing opportunities. Additional features give users the ability to

- Save data views for quick access and sharing
- Easily modify searches
- Modify searches by demographics
- View basic statistical analytics
- View data displays by counts and rates
- Quickly access news media links for situation awareness
- Make comparisons of multiple timelines.

BioSense 2.0: A New Age of Timely Surveillance Data

BioSense 2.0 is intuitive, user friendly, secure, and cost effective. As a community-controlled and user-driven environment, BioSense 2.0 does what no other system does! It protects the health of the American people by providing timely insight into the health of communities, regions, and the nation by providing multiple features to improve data collection, standardization, storage, analysis, and collaboration. For more reasons to join, please see our "Why Should You Join BioSense 2.0" fact sheet.



BioSense 2.0 data view

Want to receive BioSense 2.0 updates and contribute to the development of BioSense 2.0?

Visit the BioSense Redesign Collaboration Website at <http://BioSenseRedesign.org>

- ✓ Contribute to our Feedback Forum/share your feedback
- ✓ View/edit the Syndromic Surveillance Map
- ✓ Contribute to our Community Forum



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