

What is the Epi Info™ Virtual Platform?

The Epi Info Virtual Platform consists of Web enabled, cloud optimized versions of several Epi Info Desktop components. The components are designed to provide public health professionals with highly scalable tools for data collection, analysis, and visualization.

Users can create complex data collection instruments using Epi Info Desktop and publish them to the cloud to enable distributed data collection. Meanwhile, other users can use platform assets to establish Web-based dashboards that automatically calculate risk ratios, generate epi curves, and display case-cluster maps for real-time data analysis. Users can also view these live dashboards on mobile devices to maintain up-to-date situation awareness while in the field. Furthermore, the analysis functions of the platform's components are designed to be database agnostic. This means they can be used to analyze data from other systems such as EIDSS, DHIS2, and Magpi. Finally, the existence of an online platform such as this makes it possible to seamlessly synchronize health surveillance data across desktop, mobile, and cloud-based Epi Info databases.



Epi Info™ Virtual Platform Component

The Epi Info Virtual Platform currently consists of three highly versatile components: Web Survey, Web Analysis and Visualization, and Cloud Data Capture.

Epi Info™ Web Survey Component

- Epi Info Web Survey has been used by agency programs to conduct over 200 surveys since 2013.
- Epi Info Web Survey is hosted by the Council of State and Territorial Epidemiologists (<http://goo.gl/6FY2v>) and has been used by over 29 local or state health departments. It has been installed on the local networks of four state health departments.
- Epi Info Web Survey received CDC Certification and Accreditation and the agency's formal Authorization to Operate in July 2012.

Epi Info™ Web Analysis and Visualization Component

- The Epi Info Web Analysis and Visualization component was successfully pilot tested during FIFA World Cup 2014 games where it provided the capability for real-time data analyses of public health surveillance data during mass gatherings.
- Epi Info Web Analysis and Visualization currently is being prepared to undergo CDC's formal Certification and Authorization review process.

Epi Info™ Cloud Data Capture

- Epi Info Cloud Data Capture is an enterprise grade, secure, scalable and distributed data capture and management solution for Internet connected computers and mobile devices.
- Epi Info Cloud Data Capture, using forms designed with Epi Info Desktop, provides for data collection on web and mobile browsers.
- Epi Info Cloud Data Capture allows authorized users within an organization with varied privileges to participate in data collection and management of data stored in a centralized database.

Visit CDC's YouTube Channel:

<http://www.youtube.com/user/CDCStreamingHealth>
To view the Epi Info playlist: <http://goo.gl/Kzln81>

CONTACT US

Centers for Disease Control and Prevention
1600 Clifton Road NE, Mailstop E-97, Atlanta, GA 30329
Phone: 800-CDC-INFO (800-232-4636) TTY: 888-232-6348
8AM-8PM ET, Monday-Friday; Closed Holidays
E-mail: cdcinfo@cdc.gov
Web: www.cdc.gov/epiinfo