

Epi Info™ 7: A Users Workshop – Data Analysis and Visualization (PM Session)*

Sunday, June 9, 2013 – 1:30pm – 5:00pm

Epi Info™ is a public domain suite of software tools designed for the global community of public health practitioners and researchers. It provides for easy data entry form and database construction, a customized data entry experience, and data analyses with epidemiologic statistics, maps, and graphs for public health professionals who may lack an information technology background. Epi Info™ is used for outbreak investigations; for developing small to mid-sized disease surveillance systems; as analysis, visualization, and reporting (AVR) components of larger systems; and in the continuing education in the science of epidemiology and public health analytic methods at schools of public health around the world.

This workshop will provide an overview of the data analysis and visualization aspects of Epi Info™. Participants will learn how to set up dashboards to analyze data that was collected using Epi Info™, data that was collected on Excel spreadsheets and imported into Epi Info™, and data residing on enterprise databases such as participants' BioSense 2.0 cloud "lockers". They will explore the various statistical analyses that can be performed using Epi Info™ and learn the limitations and appropriateness of each for a given data set. Participants will also learn how to load their data onto Epi Info™ Map to generate case cluster, dot density, and choropleth maps. These presentations will be followed by interactive learning opportunities conducted in small groups. Group exercises will consist of hands-on use of these tools to analyze and visualize various data sets and share results.

Participants are requested to bring their own laptops running Microsoft Windows (XP or above) with capability to connect to the conference's wireless Internet.

Learning Objectives:

- Understand how to create Epi Info™ 7 analytic dashboards.
- Understand how to perform statistical analysis on different types of data sets.
- Understand how to generate maps on Epi Info™ to visualize geographic data.
- Get specific Epi Info™ questions answered by an Epi Info™ expert.

Facilitators

Asad Islam

Epi Info team members (TBD)

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