**CDC Health Information Innovation Consortium (CHIIC)**

**November Forum Meeting Notes**

**Chamblee Building 106, Room 1A**

**November 5, 2014, 10:00-11:00AM**

**Meeting Agenda:**

**1) Visual Analytics for Discovery and Insight: NCHS Experience with Data Visualization Tools - Yinong Chong - 25 minutes**

**2) CDC Surveillance Strategy Innovation Project Awards 2015 Plan - Brian Lee - 20 minutes**

**3) General Discussion – 5 minutes**

**Attendees:** Over 136 people attended in person or via webinar. Participants were from various CDC centers, state health departments, the George Washington University Medical Faculty Associates, and other organizations such as Northrup Grumman and the Task Force for Global Health/PHII. CDC centers/divisions included: OCIO, OCOO, NCCDPHP, NCEZID, ATSDR/NCEH, NCBDDD, NCIRD, , ITSO, NCIPC, CSELS, OSTLTS, OPHSS, NCHS, and NIOSH, . State health departments that were identified include Chicago, Florida, Kentucky, New Mexico, Massachusetts, North Carolina, and Virginia.

**Presentation - Visual Analytics for Discovery and Insight – Yinong Chong, Epidemiologist –** Yinong discussed NCHS’s experience with using Tableau as a software tool that provides a visual representation of data. Tableau’s software allows the user to analyze, visualize and share information that can be useful to public health.

**CDC Surveillance Strategy Innovation Project Awards 2015 Plan, Brian Lee –** The CDC Health Information Innovation Consortium is sponsored by OPHSS to support surveillance strategy. The second annual surveillance strategy innovation projects are upon us. A call for proposals begins November 17 with submissions due by December 31, and award notifications will be sent out by February 2.

See slide deck for several upcoming items of interest that promote innovation and public health at CDC.

**Presentation Q&A**

Note: Presenter Yinong Chong invited Li Lu (database expert) and John Dolinka (IT specialist) to the webinar to answer questions from the audience.

**Have you cross checked validation (SAS)?**

Crude data rate was done. We also validated against CDC Wonder and revisited the logic behind how the data was pulled in order to write the correct calculation field. Another limitation is Tableau’s inability to read SAS data.

**What obstacles or limitations did you experience with Tableau?**

One major limitation was data extraction. The hardware, memory, speed and quality of the data impacts data extraction. It can take several hours or overnight to complete data extraction for large files. In addition, we experienced an issue with confidentiality as we were not able to release the data to the public.

**Additional information**

We invite you to share your ideas with the group on the phConnect CHIIC Community website, <http://www.phconnect.org/group/chiic>.

The template used to collect submissions is available on the CDC intranet at:

<http://intranet.cdc.gov/ophss/docs/CDC%20Surveillance%20Innovation%20Project%20-%20Proposal%20Template%20(FY14).pdf>

An overview of the FY14 submission process is available on the CDC intranet at:

<http://intranet.cdc.gov/ophss/docs/Overview%20for%20CDC%20Surveillance%20Innovation%20Project%20Call%20for%20Proposals.pdf>

Additionally, if you would like to review what other projects submitted you can review those at the phConnect site on this link: <http://www.phconnect.org/group/chiic/page/surveillance-innovation-projects>