

NAPHIT Health IT Projects Compilation

Disease Monitoring and Surveillance

The articles summarized in this document represent current public health IT projects involving disease monitoring and surveillance. NAPHIT compiles this list for its members from articles or information provided through third party entities. NAPHIT does not take credit for published articles, nor does it guarantee the accuracy of information provided by third party entities.

New York City to Implement Diabetes Monitoring System (January 2006). The New York City Board of Health unanimously voted to implement a diabetes monitoring system that would electronically forward all blood glucose test results to the city's health department. The data would be used for intervention activities such as physician calls and emails to patients having difficulties controlling their diabetes. Read the iHealthBeat summary of the New York Times article:

<http://www.ihealthbeat.org/index.cfm?Action=dspItem&itemID=117612>

Orange County, California Considers Implementing Disease Tracking System (December 2005). Orange County, California, officials are considering spending nearly \$1 million to implement a disease-tracking system. The automated program would track the 140,000 clinical tests administered by the county annually. It also would create a database of laboratory results, which would help the county track diseases and infections, such as rabies and avian flu. Read the iHealthBeat summary:

<http://www.ihealthbeat.org/index.cfm?Action=dspItem&itemID=117700>

North Carolina to Launch Electronic Surveillance System (November 2005). North Carolina plans to immediately launch an electronic disease surveillance system that will monitor disease outbreaks across the state by monitoring hospital emergency department data. Read the iHealthBeat summary of the Raleigh News & Observer article:

<http://www.ihealthbeat.org/index.cfm?Action=dspItem&itemID=116001>

Michigan Department of Community Health Develops Disease Surveillance System (March 2003). Michigan Department of Community Health developed a disease surveillance system to link health care providers with state and local public health officials. The system will track patients and detect potential disease outbreaks, including bioterror attacks. Read the iHealthBeat summary:

<http://www.ihealthbeat.org/index.cfm?Action=dspItem&itemID=99166>

Sacramento County Department of Health and Human Services (SCDHHS) Implements Web-based Disease Surveillance System (2003). According to Atlas Public Health, a division of Atlas Development Corporation, the SCDHHS has implemented the Atlas Public Health Information Network (PHIN) Suite, a web-based disease surveillance, reporting, and case management system. Atlas also states that the system "fully implements the CDC's

recommended database architecture, HL7 v.3 RIM, and otherwise complies with the requirements of the CDC and CalPHIN."

To submit articles for this document, please send an email to Ginny Hare DeCuir at ghare@naphit.org.