



# Project Newsletter

January 2013

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## Project Update and Planning

- The IDPH project team and an Infusion Business Consultant (subcontractor with Microsoft) met in person the last week in December to design the new public and secure portals. Business requirements were reviewed and the project developer was oriented to the team.
- The Data Warehouse Administrative Team made the decision to use SharePoint 2013 instead of SharePoint 2010 as the platform for the DWH Replacement Project. SharePoint 2013 is the most recent version of the product, so the new DWH will be on the cutting edge of technology.
- Later in the month of January a SharePoint Consultant from Microsoft will be onsite to begin the SharePoint installation and configuration.
- To learn more about the Data Warehouse System Replacement Project and view project updates visit our website at:  
<http://www.idph.state.ia.us/dwh/Updates.aspx>

## Project milestones:

- Data Warehouse System Replacement Project contract signed with Microsoft and Infusion
- Project kick-off at IDPH

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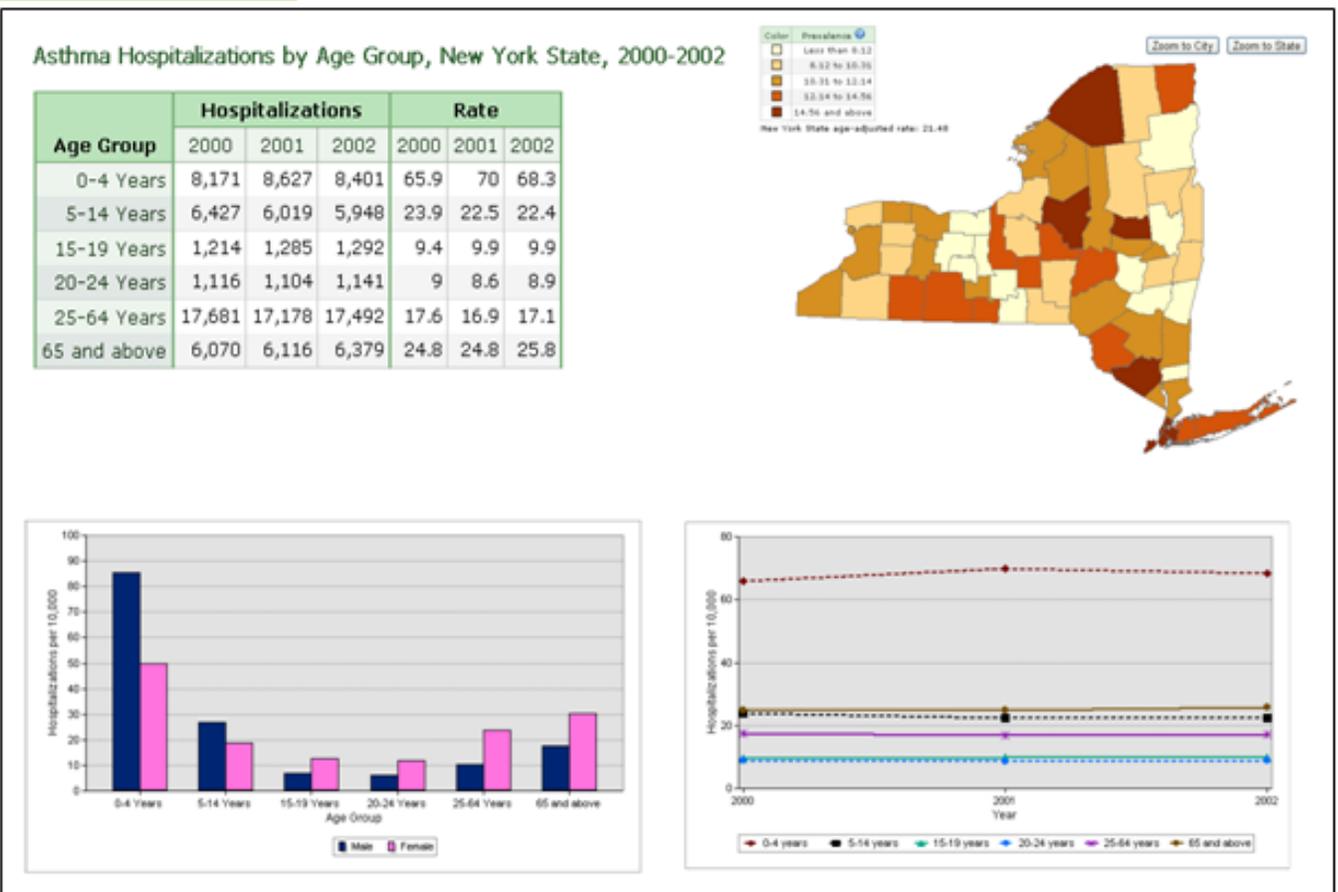
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## New Data Warehouse Design

The future data warehouse will feature dashboards to display health indicator data. The dashboard will incorporate multiple different displays of the data including a table, map, and graphs to view the indicators. The DWH user will have the option to select the topic area and indicators to display, as well as select filters to apply to the data. Also, all of the displays will be able to be individually selected and exported.

Below is an example of the future IDPH DWH design, adapted from the New York State Environmental Public Health Tracking Program. The New York State EPHT program also utilizes dashboards to display their health data. The example below shows asthma hospitalizations in New York State from 2000 to 2002 by age group. In the upper left is the table display with both number of hospitalizations and rate by year. Next to the table is the map display of asthma hospitalization prevalence by county. In the lower right is a bar graph display of age groups and gender. Next to the bar graph is a line graph display of asthma hospitalization rates by age group per year to demonstrate trends.



While the New York State EPHT portal only shows two data displays at a time, a table display and a map or graph, the IDPH DWH dashboard will show all four of the displays as shown in the example above when possible. The IDPH DWH users will have the option to select a single display to view larger in another window. Also, users will be able to export all of the tables, maps, and graphs. Examples of the design specific to the IDPH DWH will be coming in the near future.

For more information on the New York State Environmental Public Health Tracking portal, visit the portal at

[https://apps.nyhealth.gov/statistics/environmental/public\\_health\\_tracking/tracker/?ct=JMWI-S27R-TFD6-LU75-MZK1-REFI-6E2B-C4N8](https://apps.nyhealth.gov/statistics/environmental/public_health_tracking/tracker/?ct=JMWI-S27R-TFD6-LU75-MZK1-REFI-6E2B-C4N8).