



Community Health Data Initiative Discussion

**National Committee on Vital and Health Statistics
December 1, 2010**



Key HHS priority: Open Government


 WEDNESDAY, JUNE 30, 2010

HHS.gov/Open

  Font Size 

EXPLORE. ENGAGE. ENLIGHTEN.

Data Sets


Tools


Our Plan


Discuss


Spotlight on

ClinicalTrials.gov : Linking Patients to Medical Research

Providing patients, family members, health care professionals, and members of the public easy access to information on clinical trials for a wide range of diseases and conditions. [More details...](#)



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HHS's Open Government Plan: Version 1.1

Posted June 25, 2010 | Todd Park

I am very happy to announce the release of [version 1.1 of our Open Government Plan](#)!

It's an updated version of our Plan, reflecting comments and input we've gotten since the release of our initial Plan on April 7.

What's different about version 1.1? We've added more clarity, specificity, and depth of explanatory policy detail in multiple areas throughout the Plan. We've also included exciting updates on our work to

 [Share Your Ideas](#)

Our Open Government Plan





The Community Health Data Initiative (CHDI)

- **Vision:** to help improve health by creating a growing “ecosystem” of community health data supply and use – modeled on what NOAA has done with weather data

The screenshot shows the NOAA website with a navigation bar at the top containing links: NOAA HOME, WEATHER, OCEANS, FISHERIES, CHARTING, SATELLITES, CLIMATE, RESEARCH, COASTS, CAREERS. Below this is the NOAA logo and the text 'NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION' and 'UNITED STATES DEPARTMENT OF COMMERCE'. A search bar is on the right. On the left, there's a 'Weather.gov Forecast' section with a dropdown for 'City, ST' and a '>>GO' button. Below that are links: '>> Active Weather Alerts', '>> NOAA Organizations', '>> Working With NOAA', '>> Media & Constituents', '>> NOAA in Your State', '>> Budget Information', and '>> Emergency Information (Get NOAA Emergency)'. A 'Related Links' section at the bottom left includes '>> Past Weather Information', '>> NOAA Weather Radio ALL HAZARDS', and '>> StormReady/TsunamiReady Community Program'. The main content area is titled 'Weather' and contains text about NOAA's weather programs, the National Weather Service, and a map of the United States with the text 'Click for Current Weather Warnings'.

NOAA HOME WEATHER OCEANS FISHERIES CHARTING SATELLITES CLIMATE RESEARCH COASTS CAREERS

NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
UNITED STATES DEPARTMENT OF COMMERCE

About NOAA Contacts Staff Directory Help

Weather.gov Forecast
City, ST >>GO

>> Active Weather Alerts
>> NOAA Organizations
>> Working With NOAA
>> Media & Constituents
>> NOAA in Your State
>> Budget Information
>> Emergency Information (Get NOAA Emergency)

Weather

NOAA's weather programs touch the lives of every American. Every day, decisions are made based on NOAA weather information – from the mundane "should I pack an umbrella today?" to the most critical and potentially life-saving.

With the mission to protect life and property, and enhance the United States' economy, NOAA's [National Weather Service](#) is the sole official voice of the U.S. government for issuing warnings during life-threatening weather situations.

Covering the sun to the seas, the National Weather Service provides local and regional forecasts, and emergency alerts for [severe storms](#), [tornadoes](#), [hurricanes](#), [floods](#), [extreme heat](#), [winter storms](#), [fire threats](#), [tsunamis](#), and [solar flares](#). From its [national centers](#) to its 122 [Weather Forecast Offices](#) and 13 [River Forecast Centers](#), the National Weather Service is watching over the nation and your neighborhood.

Weather and climate sensitive industries in the United States account for about one-third of the nation's Gross Domestic Product. [Marine](#), [aviation](#), and [space](#) interests rely on National Weather Service information, alerts and warnings. In addition, NOAA has a responsibility to support the growth of an environmental information enterprise, a [partnership](#) between government, academia and the private sector.

[Click for Current Weather Warnings](#)

On March 11, we laid out an aggressive vision for the Community Health Data Initiative



Description

Sample Participants

Release Data

- Provide a major infusion of free, easily accessible community health data from the government, the private sector and public crowd sourcing



Build Applications

- Encourage innovators to build applications across an array of high-potential uses of the data (e.g., maps, dashboards, search engine tools, games)



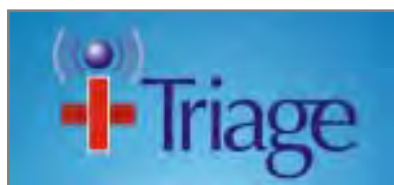
Catalyze Change

- Via these applications, increase awareness of community performance, spark action from consumers and decision makers, and help improve health



Robert Wood Johnson Foundation

What happened next: publication of a CHDI data website + an explosion of innovation



90 days later: a stunning array of apps, built by a wide array of innovators, showcased on June 2



Event: Community Health Data Initiative Launched (06/02/2010)

USGOVHHS

Subscribe



USGOVHHS — June 02, 2010 — The Community Health Data initiative is launched in a Forum at the Institute of Medicine, Washington, D.C. - June 2, 2010. Under the initiative, HHS health data will be

12,845 views

90 days later: a stunning array of apps, built by a wide array of innovators, showcased on June 2



GETTING HEALTHY



**Adding
Fitness**



**Healthy
Weight**



**Smoke
Free**



Diabetes



Steps to a Healthier Salinas

Ranking

Description

Effective Practice

The Steps to a Healthier Salinas program, part of the CDC's Healthy Communities Program, works with schools, health care providers, work sites and community leaders to reduce the burden of chronic disease. In schools and the broader community, the program provides increased opportunities for nutritious food and physical activity and improved management of asthma and diabetes. Community Health Centers assisted with implementing a Patient Electronic Care System to improve self-management skills for patients with diabetes. The program targets Latino and low-income communities.

Goal / Mission

The Steps to a Healthier Salinas program aims to improve the health and quality of life for individuals at risk or diagnosed with diabetes, asthma, and obesity by addressing three primary risk factors - physical inactivity, poor nutrition, and tobacco use.

Results / Accomplishments

Through the Steps to a Healthier Salinas program, over 140 city, county and company policies were

[Health](#)
[Economy](#)
[Education](#)
[Government & Politics](#)

90 days later: a stunning array of apps, built by a wide array of innovators, showcased on June 2

A screenshot of a Bing search results page for the query "new york presbyterian hospital". The page layout includes a top navigation bar with links for "Web", "Images", "Videos", "Shopping", "News", "Maps", and "More". The Bing logo is on the left, and the search bar on the right contains the text "new york presbyterian hospital" with a magnifying glass icon. Below the search bar are tabs for "All", "Local Listings", and "Wikipedia".

On the left side, there is a "RELATED SEARCHES" section with a list of links: "New York Presbyterian Hospital Address", "New York Presbyterian Hospital Jobs", "New York Presbyterian Hospital Cornell", "New York Presbyterian Hospital InfoNet", "New York Presbyterian Hospital Employment", "Columbia Presbyterian Hospital New York", "Doctors New York Presbyterian Hospital", and "Mercy Medical Center NY". Below this is a "YOUR SEARCH HISTORY" section showing "new york presbyterian".

The main content area on the right features the title "New York-presbyterian Hospital" followed by a link "New York Presbyterian Hospital - Top NYC Doctors..." with an "OFFICIAL" badge. Below this is a snippet: "NewYork-Presbyterian Hospital is one the most comprehensive university..." followed by links for "NYP Careers", "Clinical Services", "For Patients and Visitors", "For Professionals", "View all", and "Women's Health". The website "nyp.org" is listed.

A red circle highlights the "PATIENT RATINGS" section, which states: "Rated over 8 (out of 10)", "This hospital: 68%", "State average: 57%", and "hospitalcompare.hhs.gov".

To the right of the ratings is a "NEARBY FACILITIES" section listing: "Memorial Sloan-Kettering Cancer Center", "Rockefeller University Hospital", "Hospital For Special Surgery", and "Manhattan Eye, Ear And Throat Hospital".

At the bottom, there is a "NewYork-Presbyterian Hospital - Wikipedia, the free encyclopedia" link, followed by a snippet: "NewYork-Presbyterian Hospital is a prominent university hospital in New York City a two hy League medical schools: Columbia University's College of Physicians and ...". Below this are links for "Awards and recognition", "History", "NewYork-Presbyterian", and "en.wikipedia.org/wiki/New_York-Presbyterian_Hospital". A "Wikipedia on Bing" link is also present.

90 days later: a stunning array of apps, built by a wide array of innovators, showcased on June 2



Hospital Finder

File View Edit Visualize Merge

Filter [Aggregate](#)

Provider Number =

[Add condition](#) ?

Current view: All - 150k options

Provider Number	Hospital Name	Address
100001	SHAW'S JACKSONVILLE	655 W 8TH ST JACKSONVILLE FL 32205
100002	BETHESDA MEMORIAL HOSPITAL	2815 SOUTH SEACREST BLVD BOYNTON BEACH
100006	ORLANDO REGIONAL HEALTHCARE	1414 S KUMH AVE ORLANDO FL 3
100007	FLORIDA HOSPITAL	891 E ROLLINS ST ORLANDO FL

BETH ISRAEL MEDICAL CENTER

Heart Friendly?

- Aspirin on Heart Attack Arrival: 95%
- Beta-blockers on Heart Attack Discharge: 97%
- Heart Attack 30-Day Mortality: 13.3%
- Angioplasty within 90 minutes: 80%

People Friendly?

- Nurses always communicate well: 65%
- Docors always communicate well: 73%
- Patients who would recommend this hospital: 60%
- Pain always well controlled: 61%
- Quiet at night: 48%

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Triage

iTriage Now Available Free on iPhone, Android & More

Symptoms Diseases Procedures Providers Cough, Or, Innes

Physician or Facility Name (optional) Disease or Procedure (optional) Near (Address, City, State or Zip)

02138

Search

Medical Provider Search

Facility Category

- ☐ Emergency Department
- ☐ Urgent Care
- ☐ Retail Clinic
- ☐ Pharmacy
- ☒ Community Health Centers

Physician

[JOSEPH M. SMITH COMMUNITY HEALTH CENTER AT ALLSTON](#)
287 Western Ave, Allston, Massachusetts 02134-1010 - 1.2 miles away
Gov. Funded Health Clinics

[CAMBRIDGE FAMILY YMCA](#)
7 Temple St, Cambridge, Massachusetts 02139-2403 - 1.7 miles away
Gov. Funded Health Clinics

[THE VISION CENTER AT JOSEPH M. SMITH COMMUNITY HEALTH](#)

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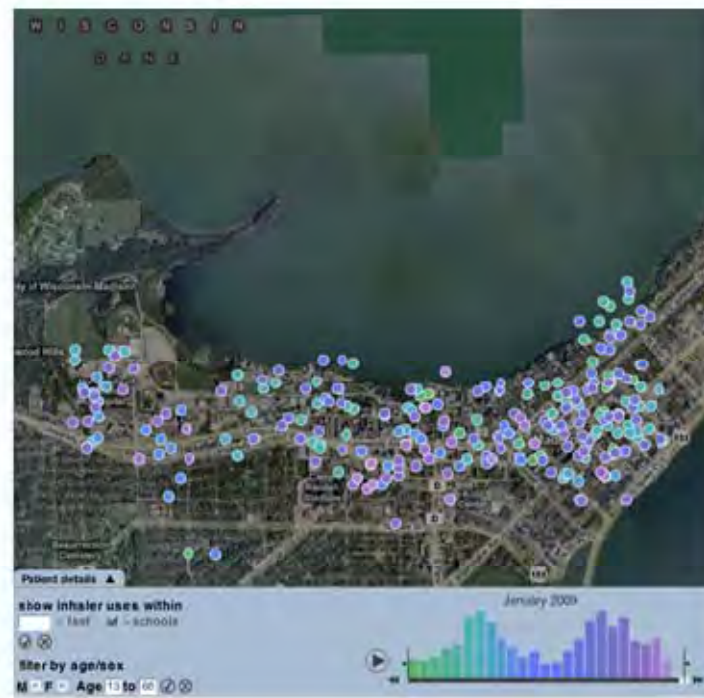


ASTHMAPOLIS

Inhalers use GPS to anonymously track time and location of use...



...aggregating to identify outbreaks and aid in treatment of patients



Also launched on June 2: the Health 2.0 Developer Challenge at www.Health2Challenge.org



[About](#) [Challenges](#) [Teams](#) [People](#) [Resources](#) [LIVE CODE!](#) [Partners](#) [Sponsor](#) [Gallery](#) [In the News](#) [Blog](#)

Teams



- *12 challenges issued to date by different organizations (govt, private, foundation)*
- *Attracting 400+ developers and 95 teams as registered competitors*

On October 7, sponsors of the first six challenges announced winning applications at Health 2.0



MARKLE

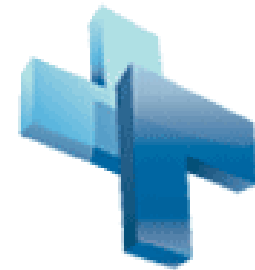
pioneer

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County Health Rankings

Mobilizing Action Toward Community Health



snaptic

HopeLab

Move Your App!
Developer Challenge

pioneer

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CALIFORNIA
HEALTHCARE
FOUNDATION

In addition, health “code-a-thons” held in Silicon Valley to stimulate developer interest in working with health data



Also on October 7: “Blue Button” formally launched by VA and HHS



To date, 120,000 people have downloaded their data

Fueling the emerging “health data ecosystem” – with ever more data, made ever more accessible



Additional HHS Data Commitments

- 1** New HHS Health Indicators Warehouse, announced 6/2010 and launching 1/2011 – and to be made available via both a website and an “API”
- 2** Provider COMPARE APIs (data.medicare.gov), National Library of Medicine API portal: launched 9/2010
- 3** Insurance product data from HealthCare.gov: coming soon
- 4** Continuously expanding inventory of HHS data put online, for free public download/access (as per HHS Open Government Plan, hhs.gov/open)
- 5** ***HEALTHDATA.GOV***, new data and community “one-stop resource” -- coming 1/2011



And continuing to work to get more and more innovators involved in the ecosystem

- **Annual Open Health Data meeting** (June 2011), to be convened with the Institute of Medicine
- **Health 2.0 Developer Challenge** continues – next round of challenges to be announced in December and more “code-a-thons” planned for 1Q and 2Q 2011
- Upcoming HHS **Health Data Journalism workshop**
- Continuous work to **market our data to innovators** who can turn it into applications that help consumers, providers, employers, community leaders, etc. make better decisions

The goal: a “self-propelled” ecosystem of health data supply and use that creates escalating benefit – this is already beginning to happen



Example: expanding use of apps developed thus far



The goal: a “self-propelled” ecosystem of health data supply and use that creates escalating benefit – this is already beginning to happen



Example: more new app/feature development work from a growing array of innovators



The goal: a “self-propelled” ecosystem of health data supply and use that creates escalating benefit – this is already beginning to happen



Example: private sector organizations beginning to contribute free and open data to the ecosystem



About the well-being data

The Gallup-Healthways Well-Being Index is the first-ever daily assessment of U.S. residents' health and well-being. By interviewing at least 1,000 U.S. adults every day, the Well-Being Index provides real-time measurement and insights needed to improve health, increase productivity, and lower healthcare costs.

Public and private sector leaders use data on life evaluation, physical health, emotional health, healthy behavior, work environment, and basic access to develop and prioritize strategies to help their communities thrive and grow. Journalists, academics, and medical experts benefit from this unprecedented resource of health statistics and behavioral economic data to inform their research and reporting.

Data Files [Methodology \(PDF\)](#)

CSV Format

Download:

- [2009 WBI Aggregate by Congressional District](#)
- [2009 WBI Aggregate by State](#)
- [2009 WBI Aggregate by Metro/Micro Statistical Area](#)