



Community Health Data Initiative Discussion



Key HHS priority: Open Government

WEDNESDAY, JUNE 30, 2010

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EXPLORE. ENGAGE. ENLIGHTEN.

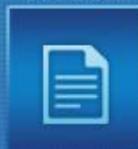
Data Sets



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...](#)



1 2 3 4 5

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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 displays the NOAA website's 'Weather' section. At the top, there is a navigation bar with links for NOAA HOME, WEATHER, OCEANS, FISHERIES, CHARTING, SATELLITES, CLIMATE, RESEARCH, COASTS, and CAREERS. Below this is the NOAA logo and the text 'NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, UNITED STATES DEPARTMENT OF COMMERCE'. A search bar is located on the right side of the header.

The main content area is titled 'Weather' and includes a 'Weather.gov Forecast' section with a search box for 'City, ST' and a '>> GO' button. Below this are several links: '>> Active Weather Alerts', '>> NOAA Organizations', '>> Working With NOAA', '>> Media & Constituents', '>> NOAA In Your State', '>> Budget Information', and '>> Emergency Information for NOAA Employees'.

The 'Related Links' section at the bottom left includes links for 'Past Weather Information', 'NOAA Weather Radio ALL HAZARDS', and 'StormReady/TsunamiReady Community Program'.

The main text area contains the following paragraphs:

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.

A map of the United States is shown with color-coded regions, and a link is provided: [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



Robert Wood Johnson Foundation



TRILOGY
Integrated Resources



INGENIX®



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



Modern Healthcare

THE ONLY HEALTHCARE BUSINESS NEWS WEEKLY

HHS AND INSTITUTE OF MEDICINE UNVEIL COMMUNITY HEALTH DATA INITIATIVE

AN OPEN BOOK

Project taps government health data to improve care and IT systems / Page 6



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

USGOVHHS

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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 made for public use to help software developers create innovative applications and make the

12,845 views

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



Sonoma County Network of Care™ for Healthy Communities

Community Dashboard
Promising Practices
Service Directory
Library
Links
Legislate
My Folder

▶ Healthy People 2010 : Progress Tracker

Healthy People provides a framework for prevention for communities in the U.S. Healthy People 2010 is a comprehensive set of key disease prevention and health promotion objectives. The health objectives and targets allow communities to assess their health status and build an agenda for community health improvement.

Sonoma County is interested in tracking its health progress using these key health indicators. The indicators presented below show how Sonoma County is measuring up to the Healthy People 2010 national health targets.

Tracker for Sonoma County [View the Legend](#)

2010 Targets	Current and Target	Data	Since Prior Period	Status
Access to Quality Health Services				
Children with Health Insurance	Current: 88.5 percent Target: 100 percent	<div style="display: flex; align-items: center;"> <div style="text-align: center;"> <div style="width: 15px; height: 15px; background-color: red; margin-bottom: 2px;"></div> <div style="width: 15px; height: 15px; background-color: green; margin-bottom: 2px;"></div> </div> <div style="margin-left: 5px;"> <p>88.5 100</p> <p>Current Target</p> </div> <div style="margin-left: 10px;"> </div> <div style="border: 1px solid black; padding: 2px; background-color: #ccc;"> TARGET NOT MET </div> </div>		
People with a Usual Source of Health Care	Current: 93.4 percent Target: 85 percent	<div style="display: flex; align-items: center;"> <div style="text-align: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-bottom: 2px;"></div> <div style="width: 15px; height: 15px; background-color: green; margin-bottom: 2px;"></div> </div> <div style="margin-left: 5px;"> <p>93.4 85</p> <p>Current Target</p> </div> <div style="margin-left: 10px;"> </div> <div style="border: 1px solid black; padding: 2px; background-color: #ccc;"> TARGET MET </div> </div>		
Cancer				

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GETTING HEALTHY

Adding Fitness

Healthy Weight

Smoke Free

Diabetes

Network of Care™ for Healthy Communities

Promising Practices
Service Directory
Library
Links
Legislate

Steps to a Healthier Salinas

Ranking	Effective Practice
Description	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

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- New York Presbyterian Hospital Cornell
- New York Presbyterian Hospital InfoNet
- New York Presbyterian Hospital Employment
- Columbia Presbyterian Hospital New York
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NewYork-Presbyterian Hospital is one the most comprehensive university...

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[nyp.org](#)

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For Professionals
Women's Health

PATIENT RATINGS

Rated over 8 (out of 10)
This hospital: 68%
State average: 57%
[hospitalcompare.hhs.gov](#)

NEARBY FACILITIES

- Memorial Sloan-Kettering Cancer Center
- Rockefeller University Hospital
- Hospital For Special Surgery
- Manhattan Eye, Ear And Throat Hospital

[NewYork-Presbyterian Hospital - Wikipedia, the free encyclopedia](#)

NewYork-Presbyterian Hospital is a prominent university hospital in New York City a two Ivy League medical schools: Columbia University's College of Physicians and ...

Awards and recognition · History · [NewYork-Presbyterian](#) ...

[en.wikipedia.org/wiki/New_York-Presbyterian_Hospital](#) · Wikipedia on Bing

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Google fusion tables
labs

Hospital Finder

Discussions (0) Save

File View Edit Visualize Merge

Filter [Aggregate](#)

Provider Number =

[Add condition](#) ?

Current view: All - [Hide options](#)

Provider Number	Hospital Name	Address
100001	SHANDS JACKSONVILLE	655 W 8TH ST JACKSONVILLE FL 3220...
100002	BETHESDA MEMORIAL HOSPITAL	2815 SOUTH SEACREST BLVD BOYNTON BEACH ...
100006	ORLANDO REGIONAL HEALTHCARE	1414 S KUHL AVE ORLANDO FL 3...
100007	FLORIDA HOSPITAL	601 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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Facility Category

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

Physician

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New York
10010
Random Cities

 18.7 Smoking	 Diabetes	 Unemployment	 Obesity	 Gallup-Healthways Well-Being Index	 Reveal
----------------------------	--------------	------------------	-------------	--	------------

Boston
02476

 19.8% Smoking LOSS Shuffle	 5.6% Diabetes Shuffle	 2.7% Unemployment Shuffle	 17.8% Obesity Shuffle	 68% Well-Being Index Get your score
---	--	--	--	--

Is the city or area where you live getting **better** or **worse** as a place to live?

Track your well-being and compare your score to your friends.

Twitter: listen to the conversations happening now.

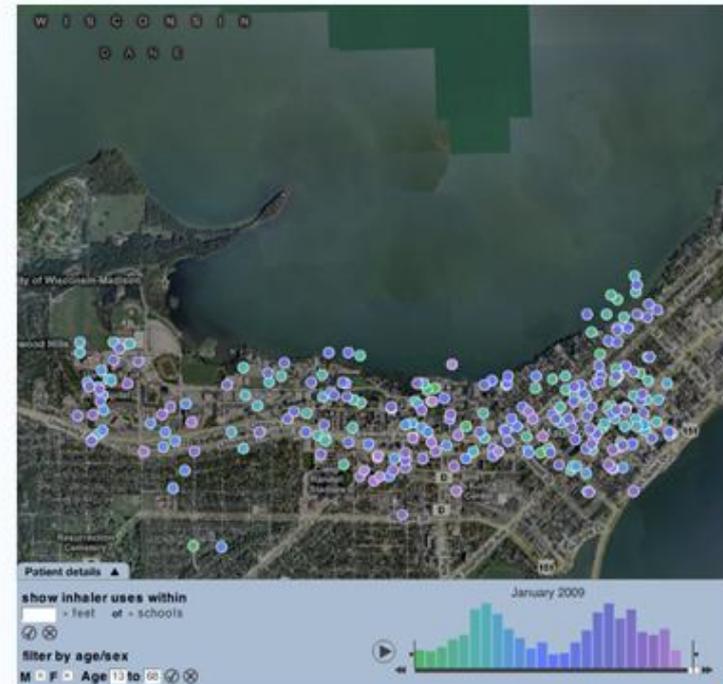
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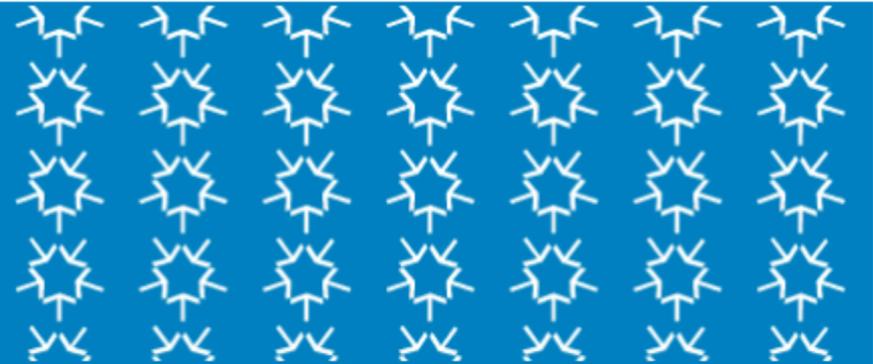
Inhalers use GPS to anonymously track time and location of use...



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

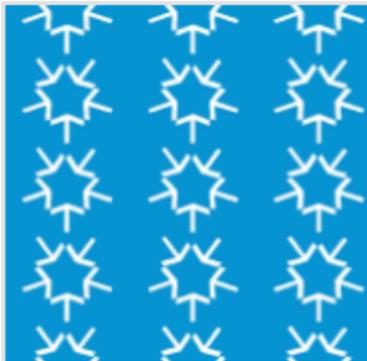


Also launched on June 2: the Health 2.0 Developer Challenge at www.Health2Challenge.org



[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



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



MyHealthVet Interface:

- United States Department of Veterans Affairs
- My healthvet
- Navigation: HOME, PERSONAL INFORMATION, PHARMACY, RESEARCH HEALTH, GET CARE, TRACK HEALTH, MHV COMMUNITY, SECURE MESSAGING
- Section: Personal Information
- Text: My HealthVet (MHV) has made it easy to keep track of your Personal Information. MHV is all about you and your health. Part of your health journal is your identification. When you registered for My HealthVet, you entered important information about yourself. This includes your name, address and identifying information, blood type and emergency contacts.
- Buttons: In Case of Emergency, My Profile, Download your data, My Account, Change password.

MyMedicare.gov Interface:

- Welcome, Chris Smith | Sign Out
- Search: What are you looking for?
- Navigation: Home, Claims, Plans & Coverage, My Health, My MSP
- Section: On The Go Report: John Owen
- Download My Data

Name:	Nancy Hoyle	Date of Birth:	11/23/48	Part A Effective Date:	6/12/2000
Address:	1234 Main Street Baltimore MD, 21244	Gender:	Female	Part B Effective Date:	6/12/2000
Home Phone:	410-123-3456	Weight:	190lbs		
Email Address:	sample@email.com	Blood Type:	AB+		

Primary Insurance XYZ expired on 01/22/2010

Name:	Nancy Hoyle	Name:	Nancy Hoyle
Address:	1234 Main Street Baltimore MD, 21244	Address:	1234 Main Street Baltimore MD, 21244

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, such as Network of Care for Healthy Communities and iTriage

Sonoma County Network of Care™ for Healthy Communities

Community Dashboard Promising Practices Service Directory Library Links Legislate My Folder

Healthy People 2010 : Progress Tracker

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



Example: new app development work from startups like HealthTap and Doximity, established companies like Microsoft, and agencies like HRSA



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 like Gallup/Healthways 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](#)