



Spurring Innovation in Government

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Key HHS priority: Open Government

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HHS.gov/Open

Font Size OPEN.GOV

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...](#)

> Home Data Sets Tools Our Plan FOIA Records Management Get Involved Discuss Leadership Contacts

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, launched March 11, 2010



Vision: turn HHS into the “NOAA of health data”

3/11/2010: Vision for HHS as “NOAA of health data” outlined at an innovators summit. Shortly thereafter, initial HHS data sets published on CHDI website....



Less than 90 days later, spectacular early results



Community Health Data Initiative Forum: June 2, 2010



6/2/10: Less than 90 days later, 20+ new or upgraded apps utilizing HHS CHDI data showcased by private sector innovators at major public meeting



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CHDI has now evolved into a broader Health Data Initiative



Types of HHS Data Being Liberated

Community Health Data
Clinical Provider Data
"Blue Button" Data
Insurance Product and Pricing Data
Medical/Scientific Data
Consumer Product Data
Government Spending Data

HHS publishing more and more free data and APIs, fueling a rapidly expanding ecosystem of innovation using our data

HHS liberating data and making it much more accessible: community health data



- HHS Health Indicators Warehouse – www.healthindicators.gov, launched 2/2011
- Contains 1170 community health performance metrics for the country, states, hospital referral regions (HRRs), and counties
- Includes trove of new aggregate metrics of Medicare utilization, quality, prevention, and prevalence of disease (hundreds of indicators) across HRRs
- Includes proven interventions by indicator
- Available via website and API

HHS liberating data and making it much more accessible: clinical provider data



Data.Medicare.gov

Welcome to Data.Medicare.Gov!

Data Medicare Gov has been created to allow users to access data in an interactive format. Within each dataset, a user can sort and filter with multiple criteria and share the information using various web sources. Primarily used by health policy researchers and the media, this site is not intended to be used as a search tool.

This site should not be used as a means of obtaining an official Medicare Number, and is not intended for the exchange of Personal Health Information (PHI) such as your Medicare Number.

To help you get started with Data Medicare Gov, here are some helpful browse links:
[Hospital Compare](#) | [Dialysis Facilities](#) | [Home Health Agencies](#) | [Helpful Contacts](#) | [Nursing Home](#) | [Medical Equipment Suppliers](#)

Search & Browse Datasets and Views

Name	Most Relevant	Popularity
1. Survey of Patients' Hospital Experiences (HCAHPS)	hospital compare, ratings, quality, ratings, patient survey	22,982 views
2. Hospital Outcome Of Care Measures	hospital compare, outcome of care, occ, quality, ratings, readmission rates, mortality rates	10,776 views

- Deployed APIs to Hospital Compare, Nursing Home Compare, Home Health Compare and Dialysis Compare at data.medicare.gov – 9/2010
- Large-scale enhancements happening to Compare via the Affordable Care Act – including launch of Physician Compare
- Section 10332 of the Affordable Care Act: will make claim files available to “qualified entities” for purposes of provider quality measurement in 2012

HHS liberating data and making it much more accessible: “Blue Button” data



Blue Button Download My Data

The image shows two overlapping web pages. The top page is MyHealthNet, a VA portal, with a 'Blue Button' icon and the text 'Download My Data'. The bottom page is MyMedicare.gov, showing a user profile for 'John Owen' with fields for Name, Date of Birth, Address, Gender, and Part & Effective Dates.

- “Blue Button” launched by VA and HHS in 10/2010, allowing veterans and Medicare beneficiaries to download copies of their own data. Dept of Defense now also offering Blue Button as well for active duty military and dependents
- To date, over 200,000 unique users have downloaded their own data
- VA, Medicare, and DoD planning significant enhancements to available data in 2011

HHS liberating data and making it much more accessible: insurance product and pricing data



The screenshot shows the HealthCare.gov interface. On the left, there are navigation tabs for 'Find Insurance Options', 'Learn About Prescription', 'Compare Plan Quality', and 'Understand the New Law'. The main content area features a '6 Options for You' section with a list of insurance categories: 'Coverage for Young Adults Under Age 26', 'Health Insurance Through Work', 'Health Insurance Plans for Individuals & Families', and 'Pre-Existing'. A 'Need Help?' banner is visible at the top right. Below the navigation, there are sections for 'Explore your coverage options' and 'New Pre-Existing Condition Insurance Plan'. The right side of the page displays a list of 'Private Insurance Plans' with details such as 'Copay Select 900 - 1000', 'Maximum Out-of-Pocket Costs for Individual \$1000', and 'Annual Deductible for Individual \$1000'. A 'PLAN DETAILS' button is present for each plan.

- HealthCare.gov launched 7/2010, as per the Affordable Care Act
- Largest repository of private and public health coverage plans nationwide
- Pricing and detailed benefits information for private insurance plans in the individual and family market added 10/2010
- Planning to make the underlying data available via public API in 2011

HHS liberating data and making it much more accessible: medical/scientific data



The screenshot shows the 'NLM APIs' page on the National Library of Medicine website. The header includes the NLM logo and navigation links like 'Databases', 'Find, Read, Learn', 'Explore NLM', 'Research at NLM', and 'NLM for You'. The main content area features a definition of an API and a list of supported NLM APIs. A table is provided below:

API Documentation	Web Interface	API Description
AIDSinfo		AIDSinfo offers access to the latest, federally approved HIV/AIDS medical practice guidelines, information on HIV/AIDS treatment, clinical trials, and other HIV/AIDS-related research information for health care providers, researchers, people affected by HIV/AIDS, and the general public. The AIDSinfo API provides access to the AIDSinfo drug database fact sheets in XML format. The API returns information from both the professional and patient versions of the AIDSinfo drug database fact sheets based on input query strings.
Basic Local Alignment Search Tool (BLAST)		API for Basic Local Alignment Search Tool (BLAST) services which find regions

- National Library of Medicine API Portal deployed 9/2010
- Includes APIs to ClinicalTrials.gov, Entrez Utilities, Medline Plus, Pillbox, PubChem, RxNorm, Unified Medical Language System, and more
- Medline Plus Connect service for electronic health records/personal health records launched 11/2010

HHS liberating data and making it much more accessible: consumer product data



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http://www.fda.gov/oc/ohds/ohdsData.xml
--<RECALLS_DATA>
- <PRODUCT>
  <DATE>Wed, 26 Jan 2011 07:21:00 -0500</DATE>
  <BRAND_NAME>Relistor</BRAND_NAME>
  <PRODUCT_DESCRIPTION>Relistor kit containing alcohol prep pads</PRODUCT_DESCRIPTION>
- <REASON>
  Contains potentially contaminated alcohol prep pads
- <REASON>
<COMPANY>Pfizer Inc. and Progenics Pharmaceuticals, Inc.</COMPANY>
<COMPANY_RELEASE_LINK>http://www.fda.gov/Safety/Recalls/ucm241070.htm</COMPANY_RELEASE_LINK>
<PHOTOS_LINK>
</PRODUCT>
- <PRODUCT>
  <DATE>Tue, 25 Jan 2011 00:00:00 -0500</DATE>
  <BRAND_NAME>Gold Quality, Hannaford, Natures Place, more</BRAND_NAME>
  <PRODUCT_DESCRIPTION>Salad mixes</PRODUCT_DESCRIPTION>
  <REASON>Listeria monocytogenes</REASON>
  <COMPANY>State Garden</COMPANY>
  <COMPANY_RELEASE_LINK>http://www.fda.gov/Safety/Recalls/ucm241088.htm</COMPANY_RELEASE_LINK>
  <PHOTOS_LINK>
</PRODUCT>
- <PRODUCT>
  <DATE>Mon, 24 Jan 2011 00:00:00 -0500</DATE>
  <BRAND_NAME>Jan.#39+</BRAND_NAME>

```

- FDA recall data in downloadable XML format published 10/2010 – with improved info on the way

HHS liberating data and making it much more accessible: government spending data



U.S. Department of Health & Human Services



Centers for Medicare & Medicaid Services

- Medicare claims “basic stand alone” files – first-ever claim-level files (“slimmed” for privacy protection) available for free public download – debuted 2/2011 with hospital claims “basic stand alone” file
- To be followed with claim “basic stand alone” files for all other care modalities (by 6/2011)
- “Medicare dashboards” – much more timely downloadable aggregate data
- Greatly enhanced HHS grants data tool (TAGGS 2.0) debuting soon

HHS has committed to 2x/yr data publication review and amp-up process by each HHS agency





U.S. Food and Drug Administration
Protecting and Promoting Your Health



Centers for Medicare & Medicaid Services



National Institutes of Health
Turning Discovery Into Health



SAMHSA
Substance Abuse and Mental Health Services Administration



ADMINISTRATION ON AGING

Administration for Children & Families



Centers for Disease Control and Prevention
Your Online Source for Credible Health Information



HRSA



Agency for Healthcare Research and Quality
Advancing Excellence in Health Care

Indian Health Service
The Federal Health Program for American Indians and Alaska Natives

Launched 2/2011: HealthData.gov



WELCOME TO THE HEALTH DATA COMMUNITY

You've found a public resource designed to bring together high-value datasets, tools, and applications using data about health and health care to support your need or better knowledge and to help you to solve problems. These datasets and tools have been gathered from agencies across the Federal government with the goal of improving health for all Americans. Check back frequently because the site will be updated as more datasets and tools become available.

[More Information](#)

HEALTH INDICATORS WAREHOUSE

[VIEW MORE](#)

Home | [Data/Tools](#) | [Apps Expo](#) | [Other Data Sites](#) | [Blogs](#) | [Forums](#)

Search This Community... [SEARCH](#)

Data.gov » All Communities

Challenges

What's New

Recent Blog Post

2010 Health 2.0 DEVELOPER CHALLENGE

- **HEALTHDATA.GOV** launched 2/2011 as “one-stop resource” for the ecosystem
- **Universal catalog of government-supplied health data and APIs, Apps Expo, online community, catalog of non-federal health data websites**

We are continuing to work to get more and more innovators involved in the ecosystem



myHealthyPeople Challenge
 We challenge you to develop an engaging and empowering customized Healthy People 2020 application for Healthy People stakeholders – professionals, advocates, funders and decision makers – who will be using Healthy People to improve the health of the Nation.
 Healthy People 2020 is the Nation's health and well-being agenda for the decade.
 Now it's your turn to achieve a customized application for the nation's health and well-being.
 We are providing...



Marketing the data to innovators who can turn it into supercool apps – through:

- Challenges (Health2Challenge.org)
- Codeathons
- Health Data Camps
- Startup America/DC2VC tour, conferences, meetings, etc.
- Annual Health Data Initiative Forum (next one: June 9)

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



The ecosystem is already becoming self-propelled:

- Expanding use of apps developed thus far
- New development work from startups and established companies
- “Platform jujitsu”
- Rapidly growing array of ventures and programs emerging leveraging our data