

Community Health Data Initiative & Health Indicators Warehouse

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Centers for Disease Control and Prevention
National Center for Health Statistics

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Community Health Data Initiative

A Flagship Initiative in the HHS Open Government Plan

Objective

- Enhance understanding of health and health care system performance in communities
- Spark and facilitate action to improve performance and value

Approach

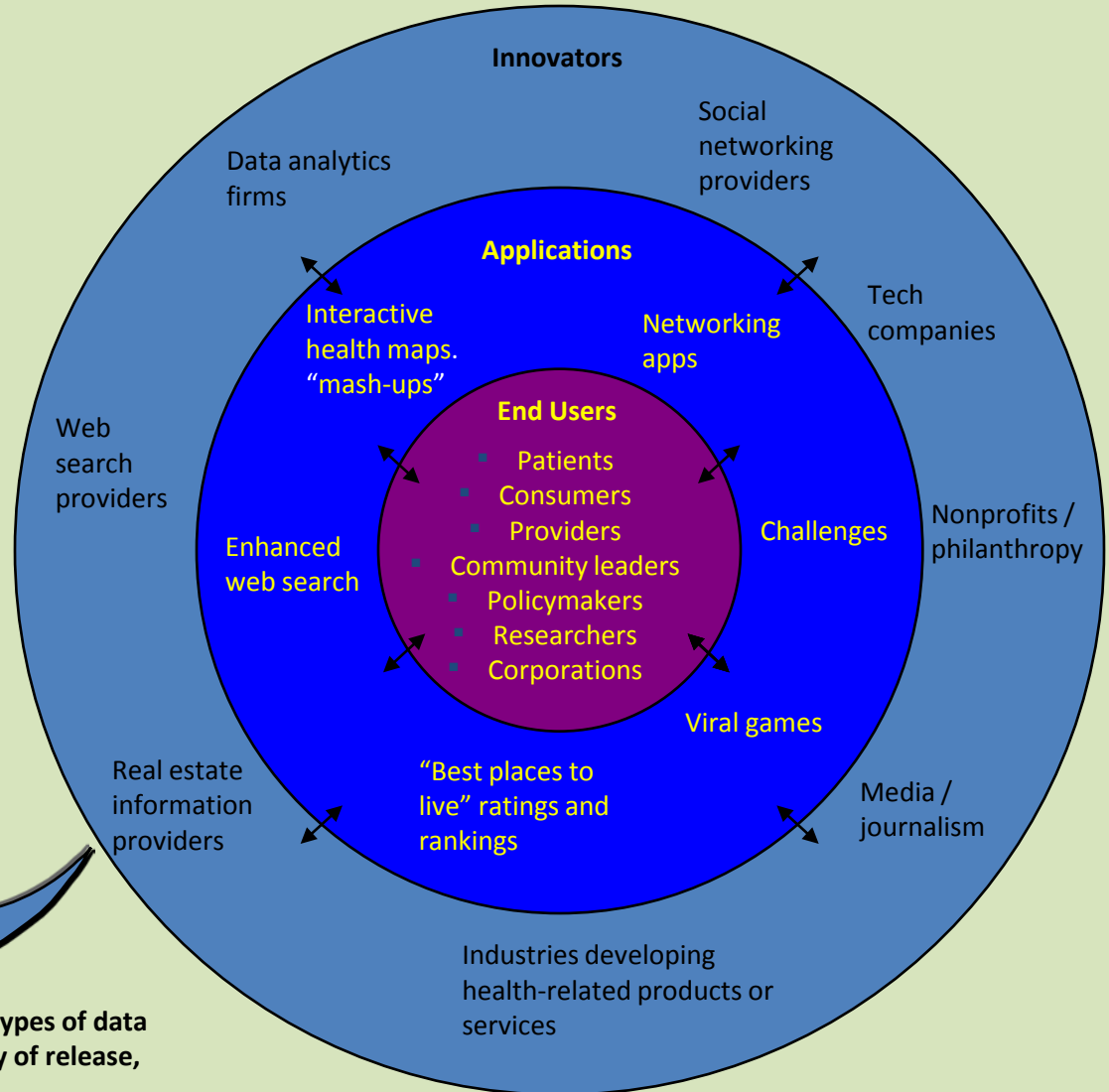
- Catalyze evolving network of community health data suppliers, applications developers, and end users
- Provide free, easily accessible, health indicator data through the newly created Health Indicators Warehouse
- Recruit early adopters across an array of potential uses
- Increase awareness of community performance; increase pressure for decision makers to respond; facilitate and inform actions

Conceptual Framework for CHDI

Data Sources

- **Health Indicators Warehouse (HIW)** containing health care, health, and health determinant indicator data for communities, plus data on successful interventions by indicator. Will include data never previously released, and will be delivered in a structured, standardized, machine-readable, easily accessible way, free of charge and intellectual property constraint
- **Other federal data sets**
- **State and local governments**
- **Private sector data suppliers**
- **Others?**

Feedback on data (types of data required, frequency of release, etc.)



CHDI Brainstorming Meeting, March 11,2010

- Organized by IOM
- Brought together:
 - Web 2.0 applications developers
 - Business leaders
 - Community leaders
 - Government health data and policy experts
- Produced:
 - Multiple ideas for high-value applications
 - Commitments to develop many of these applications in 2010

HHS Data Commitments for 2010

- New Medicare community-level indicator data
 - Costs, quality, disease burden, service utilization
- Health Indicators Warehouse of standardized health indicators
 - Medicare community indicators, HP2020, County Health Rankings, CHSI, SUSA, evidence-based interventions
- Interim web site with downloadable datasets
 - Medicare Compare, HP2010, County Health Rankings, CHSI, SUSA, AHRQ State Profiles, USDA Food Environment Atlas
http://www.cdc.gov/nchs/data_access/chdi.htm

CHDI Interim Web Page

CDC Home



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

SEARCH

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Data Access

National Center for Health Statistics

Data Access

Data Access Tools

► **Community Health Data Initiative**

Health Data Interactive

ICPSR

SETS

VitalStats

Data Linkage

National Death Index

Public-Use Data Files

Research Data Center

[NCHS Home](#) > [Data Access](#) > [Data Access Tools](#)

Community Health Data Initiative Interim Work Page

The Community Health Data Initiative is a collaborative effort among government and non-government partners to establish a network of suppliers and demanders of community health data, indicators, and interventions. Its purpose is to help Americans understand health and health care system performance in their communities, thereby sparking and facilitating action to improve performance and value.

The HHS Health Indicators Warehouse that is currently under development will serve as the data hub for the initiative. We consider health indicators to be measurable characteristics that describe the health of a population (such as life expectancy, mortality, disease incidence or prevalence, or other health states); determinants of health (such as health behaviors, health risk factors, physical environments, and socioeconomic environments); and health care access, cost, quality, and use. Depending on the measure, a health indicator may be defined for a specific population, place, political jurisdiction, or geographic area. NCHS is working with data, content, and application experts to develop this interactive system that will represent a major infusion of free, easily accessible HHS data. While the warehouse is under development, we are making several resources available.

Below you will find links to downloadable data sets which form the basis for the content anticipated to be available through the Indicator Warehouse and which will further the

Text size: [S](#) [M](#) [L](#) [XL](#)

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Contact Us:

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Hyattsville, MD 20782

1 (800) 232-4636

cdcinfo@cdc.gov

Important Information

[Data Release Policy](#)

[Data User Agreement](#)

CHDI Launch Meeting, June 2, 2010

- Organized by IOM
- Introduced by Secretary Sebelius
- Attended by a broad group of:
 - Web 2.0 applications developers
 - community organizations,
 - government agencies
 - health advocates
 - researchers
 - foundations
- Showcased new applications using HHS and other data
- Generated ideas for the future

CHDI Applications: Palantir Technologies

ANALYZE.THE.US

HOME * ANALYSIS * FAQ * DASHBOARD

SIGNUP/LOGIN

ANALYSIS FOR THE PEOPLE, BY THE PEOPLE.



WHAT IS ANALYZE.THE.US?

AnalyzeThe.US allows anyone to use Palantir to explore vast amounts of data only recently released into the public domain, including key

GET STARTED

To get started, request an account below. Once your account is created, sign in and begin analyzing!

CHDI Applications: Microsoft Bing

The image shows the Microsoft Bing homepage. At the top, there is a navigation bar with links for Web, Images, Videos, Shopping, News, Maps, More, MSN, and Hotmail. On the right side of the navigation bar, there are links for Sign in, United States, and Preferences. Below the navigation bar is the Bing logo and a search bar. To the right of the search bar, there is a button that says "Make Bing your decision engine".

Below the search bar, there is a section titled "Bing Health Maps". Under this section, there is a link that says "... Read More About Community Health". Below this link, there are two dropdown menus: "Choose a State" and "Choose a Community Health Indicator". Both dropdown menus currently display "Please Select".

Below the dropdown menus, there is a map of Seattle, Washington. The map shows the city of Seattle, including the city center, the waterfront, and the surrounding areas. The map is centered on Seattle and shows the city's layout, including major roads and water bodies. The map is titled "World > United States > Washington > King > Seattle".

At the bottom of the page, there is a navigation bar with icons for History, a car icon, a traffic light icon, a star icon, a printer icon, and a "MAP APPS" button. There is also a copyright notice that says "© 2010 NAVTEQ and © 2010 Microsoft Corporation".

CHDI Applications: Google



Share and discuss your data online

Upload small or large data sets from spreadsheets or CSV files.

Visualize your data on maps, timelines and charts.

Pick who can access your data; hide parts of your data if needed.

Merge data from multiple tables.

Discuss your data with others. Track changes and discussions.

[Take a tour](#)



Sign in with your
Google Account

Email:
ex: pat@example.com

Password:

Stay signed in


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CHDI Applications: Network of Care for Healthy Communities

Home Visit Our Other Health Sites

Sonoma County Network of Care™ for Healthy Communities



● Library
● Links
● Legislate
● My Folder

● Community Dashboard
● Promising Practices
● Service Directory

▶ Community Dashboard





[Share](#)

Region: Location:
 Order By: Breakout By:


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

Health

Access to Health Services

<ul style="list-style-type: none"> ▫ Adults with Private Health Insurance ▫ Adults without Health Insurance ▫ Children with Health Insurance ▫ People with a Usual Source of Health Care 	<p>Comparison: CA Counties </p> <p>Comparison: CA Counties </p> <p>Comparison: CA Counties </p> <p>Comparison: CA Counties </p>
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Cancer



[Health](#)
[Economy](#)

CHDI Applications: MeYou Health



About | Leaderboards



About Community Clash

Healthiest city wins. You play the cards.

Community Clash is an online card game that engages you in a discovery of your community's health and well-being status, and lets you see how it compares to other communities in a head-to-head clash. Play endless hands, exploring different metrics and locations each time, and share key victories with your friends. You can also personalize the experience by getting your own well-being score and using it in the clashes.

"Our goal was to create a fun way to interact with data and, along the way, learn something about yourself, your friends and your community that might motivate you to act." - Chris Cartter, General Manager

Why We Created Community Clash

Community Clash was created in response to a White House led challenge, the Community Health Data Initiative (CHDI). CHDI is "a

Community Clash: The Story of Making an Online Card Game



To learn more:

[Who is MeYou Health?](#)

[The Community Health Data Initiative](#)

CHDI Applications

Asthmapolis



[Home](#) [Explore](#) [About](#) [How It Works](#) [News](#) [Contact](#)

WHAT IS
ASTHMAPOLIS?

Tools to track, manage and research asthma

Our GPS inhaler trackers and mobile phone diary can help you learn more about your asthma and improve public health.

[➔ LEARN MORE](#)

[SEE HOW IT WORKS](#)

CHDI Next Steps in 2010: 2010 Health 2.0 Developer Challenge

- Who: government agencies, community organizations, foundations, healthcare & technology companies, software developers, etc.
- What: code-a-thons & team competitions for applications to improve personal & community health
- Where: regional events culminating in final challenge during Health 2.0 Conference, San Francisco, October 2010

Health Indicators Warehouse Functionality

- Preconstructed national, state, and local level indicators; *no individual-level data*
- Ability to map, chart, graph, and trend indicators (to the extent data allow)
- Links from indicators to evidence-based interventions
- Web service—peer-to-peer/business application capability
- Inclusion of most indicators from HP2020, County Health Rankings, SUSA , and CHSI
- Supporting metadata to facilitate appropriate use of indicators

Health Indicators Warehouse: Next Steps

- Build HIW v1.0; populate with indicators (including metadata) and interventions
- Secure funding to maintain warehouse
- Develop process for harmonizing indicators across agency partners
- Select new indicators for inclusion in warehouse
- Update and improve warehouse
- Work with CHDI partners to:
 - Provide technical assistance
 - Obtain input for improvements

For more information on the Health Indicators Warehouse, contact:

- Amy Bernstein (abernstein@cdc.gov)
- Linda Bilheimer (lbilheimer@cdc.gov)
- Jim Craver (jcraver@cdc.gov)

For more information on the Community Health Data Initiative, go to:

- www.hhs.gov/open