

Health Indicators Warehouse 2.0

A presentation for the
NCVHS Working Group on Data Access and Use

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Justine Carr, Chair, and my Health Datapalooza Datalab co-moderator was excited by all of the work you're doing in your respective OPDIVS and knows the group will be interested to hear more.

Key features and functions

- A large structured database of high quality, curated data and metadata
 - Population health
 - Health care use and access
 - Social determinants of health
- An accessible user interface for rapidly locating data and browsing indicators
- Ability to chart and map data (data permitting)
- An API / web services making the database open and machine readable

HIW is not...

- An analytic tool to allow users to manipulate data
- A table generating tool
- Designed for a specific target audience
- Designed to replace any existing web-based data tools

Not to focus on negative, but want to be clear that the HIW is not trying to do everything.

About the data

- Over 1,200 indicators
- National, state, and local data (where possible)
- Over 130 data sources
 - Federal: Census data, CMS, other HHS, Education, Agriculture and other Federal Surveys, surveillance data, Medicare Administrative Data, EPA modeled data
 - Trade Associations: AMA, AHA, other health professions data
 - NGOs: ASTHO, NACCHO, other member surveys
- Representing five Initiatives/Programs
 - CMS Community Utilization & Quality Indicators
 - Community Health Status Indicators
 - County Health Rankings
 - Health, United States
 - Healthy People

Version 2.0: Refreshed look and feel

- Updated the home page design
- Improved the path to the indicator selection page
- Introduced a space to highlight related sites and sites of interest

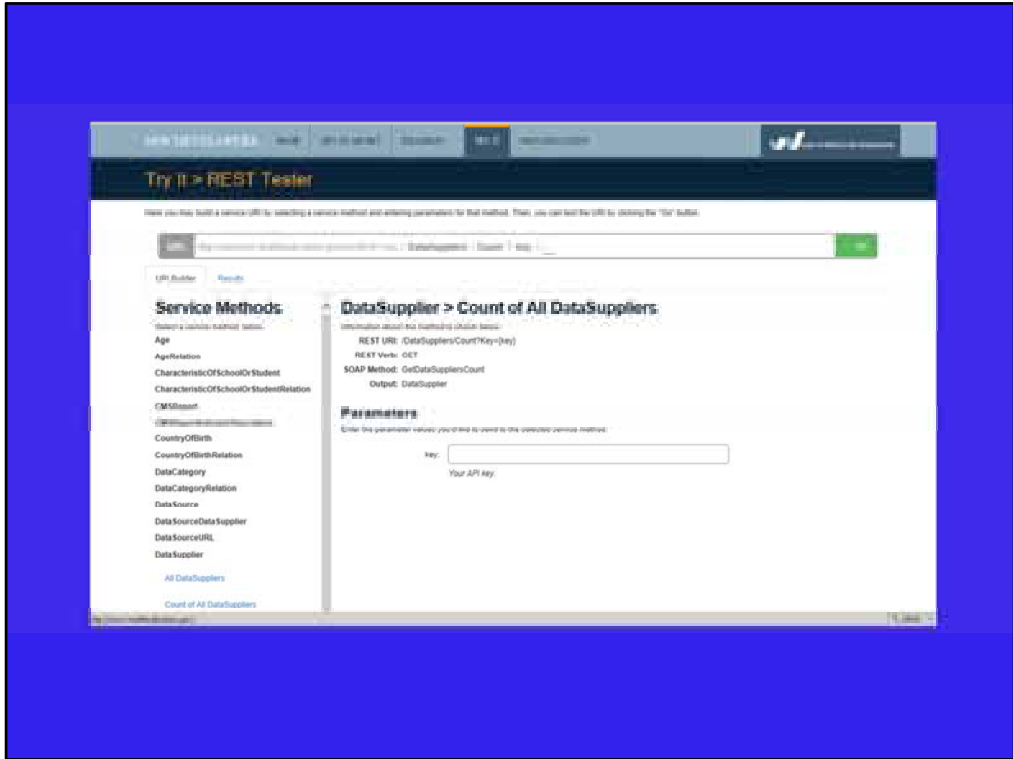
What's new in the database?

- *NEW!* Health, United States indicators: 38 new indicators from the National Health Interview Survey
- *NEW!* Septicemia deaths, 2010
- National Vital Statistics System-Natality, 2012: 11 indicators
- Behavioral Risk Factor Surveillance System (county estimates), 2012: 19 indicators
- American Community Survey, 2012: 2 indicators
- Bureau of Labor Statistics, 2012: 1 indicator

inclusion of HUS now, and that this is an ongoing effort to modify data tables produced for a print document into indicators on a web-based site, but with the intention of making those data available through API.

What's new with the API?

- February 2014: Version 5 of Services
- Registration Key now required
- 3 applications making up HIW
 - healthindicators.gov
 - developers.healthindicators.gov
 - services.healthindicators.gov
- V2.0 release in May 2014:
 - "Try It" section allows interactive exploration of service methods
 - Work flow to find information has been improved
 - The documentation section is more complete



Attributes regarding usability

- Links from one indicator to all others with same keyword or topic area
- Ability to chart and map data quickly
- Links to sites/projects where HIW content is used
- Indicator report in both PDF and Excel format now available
- Evaluation of site planned

Google analytics info

- Pages/session = 4.4
- Mean session duration = 3 min
- Bounce rate = 52%

Data documentation

- Data ERD has been published for both metadata and data
- Metadata is in separate file or worksheet in data download files
- Effort to keywords, topic areas, and other metadata beginning soon

ERD: entity-relationship diagram

Timeliness of data

- As a warehouse, we publish only after data producers have released data
- Have created programs for repeated computations that reduce internal processing time

For more information



Visit:
www.healthindicators.gov

Contact us at:
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