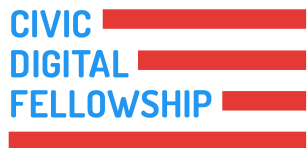


# “Democratize Data”

Coding it Forward

Office of the Chief Technology Officer, HHS



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Statistics

# Relmagine Data Insights Initiative

- September 2018: HHS authored a report detailing the “Current State of Data Sharing” across enterprise.
  - Outlined findings from hours of discovery sessions on current interagency data sharing practices with agencies from across the department.
- Latest report: Based on initial findings, identifies strategies to mitigate existing gaps, defining a robust framework to transform interagency data sharing.
- Central Themes:
  - How can we foster a culture of data sharing across HHS’s 29 agencies?
  - What framework can we implement to incentivize data sharing and using data to derive insights to improve health of stakeholders?

# Current Challenges

Current Challenge	Description
Process for Data Access	HHS lacks consistent and standardized processes for agencies to request data from other agencies
Technology for Data Access & Analysis	Technical approaches to data sharing vary widely across agencies
Regulatory Environment	Each data collection effort has complicated statutes and regulations that govern collection and access to data
Disclosure Risk Management	Access to data is limited by increasing concerns of violating individual privacy

# Key Strategies

- Structure and Culture
  - Data Governance Steering Committee: “Share best practices and lessons from existing centers of excellence”
  - HHS Data Council: “Leverage existing resources”



# Technology

- The technical platform will be built using Agile Methodology, with frequent testing and revisions.
- An Interagency Data Hub will connect data seekers with available datasets from across the department.
  - The platform is not a data storage platform, but will rather leverage existing platforms by building interoperability between systems.
  - As datasets are made available, a repository of information about available data will be developed.
- After data requests are approved, users will be able to access data through a virtual, controllable environment contained within the overall platform.
  - This allows for the long-term viability of the platform and navigating the cumbersome regulatory environment.

# HealthData.gov

- HealthData.gov Mission: “This site is dedicated to making high value health data more accessible to entrepreneurs, researchers, and policy makers in the hopes of better health outcomes for all.”
- Central Themes:
  - Are we successfully and efficiently accomplishing this mission?
  - How can we leverage existing data analytics to measure success?
    - How are we measuring success of the portal?
  - What lessons can we learn from other data portals inside and outside of federal government?
    - What other softwares exist that may better suit the future of HealthData.gov?
    - As we reconsider the contract with CivicActions, what do we need?
  - Overall, what is the future of the “Open Data Movement” and how is HealthData.gov adapting to this future?

# HealthData.gov vs Data.gov

HealthData.gov

About Datasets Developers Feedback

## Welcome to HealthData.gov

This site is dedicated to making high value health data more accessible to entrepreneurs, researchers, and policy makers in the hopes of better health outcomes for all.

## Browse the Data

Search 3,461 datasets



## Recently Modified Datasets

2015 Edition Market Readiness for Hospitals and Clinicians Data

Updated on August 1, 2019

ACA Federal Upper Limits

Updated on August 1, 2019

Body Art Licenses in Denver

Updated on August 1, 2019

Certificate of Need Applications: Beginning 1974

Updated on August 1, 2019

Chemicals in Cosmetics

## Latest Blog Posts

Health Tech Sprint Aims at Improving Care Access and Experience

- posted by *khoney* on Mon 05 November 2018

The Data Imperative: Why Data Sharing Matters to Your Organization

- posted by *msiddiqui* on Mon 17 September 2018

HRSA Launches New Open Data Website

- posted by *SMarcus* on Tue 04 September 2018

Certified Health IT Product List (CHPL) Data Challenge

- posted by *wbarker* on Fri 27 July 2018

DATA.GOV

DATA TOPICS - IMPACT APPLICATIONS DEVELOPERS CONTACT

## The home of the U.S. Government's open data

Here you will find data, tools, and resources to conduct research, develop web and mobile applications, design data visualizations, and [more](#).

### GET STARTED

SEARCH OVER 229,104 DATASETS



Manufacturing & Trade Inventories & Sales



VS

## BROWSE TOPICS



Agriculture



Climate



Consumer



Ecosystems



Education



Energy



Finance



Health



Local  
Government



Manufacturing



Maritime



Ocean



Public Safety



Science &  
Research

## HIGHLIGHTS

### Of Sturgeon and Ships

The U.S. Coast Guard maintains archives of historical vessel position movements

# Analytics

Users

5,467



New Users

5,093



Sessions

6,248



Number of Sessions per User

1.14



Pageviews

25,946



Pages / Session

4.15



Avg. Session Duration

00:02:30



Bounce Rate

53.25%



Sessions

6,248

% of Total: 100.00% (6,248)

Pageviews

25,946

% of Total: 100.00% (25,946)

Days Since Last Session ?	Sessions ?
0	5,764
1	76
2	43
3	35
4	20
5	25
6	31
7	24
8-14	70
15-30	71
31-60	45
61-120	28
121-364	16

Sessions

6,248

% of Total: 100.00% (6,248)

Pageviews

25,946

% of Total: 100.00% (25,946)

Session Duration ?	Sessions ?
0-10 seconds	3,480
11-30 seconds	476
31-60 seconds	527
61-180 seconds	744
181-600 seconds	579
601-1800 seconds	355
1801+ seconds	87



# Feedback

Published Feedback

Unpublished feedback (235)

Archived feedback (0)

Displaying 1 - 25 of 39

## Operations

- Choose an operation -

Execute

<input type="checkbox"/>	Title	Feedback	Feedback Type	Updated date
<input type="checkbox"/>	<a href="#">HealthCare.gov or the health insurance exchanges data</a>	How come many data sets related to HealthCare.gov or the health insurance exchanges in general do not have any actual data sets to offer anymore? These data sets come up in searches only to have no data set files within their entries.	<a href="#">Request data to appear here</a>	2016-01-04
<input type="checkbox"/>	<a href="#">Access to physician referral patterns to HHAs in Phoenix, Az</a>	To whom it may concern: I am trying to access the physician referral data and get it into excel. Is this something someone can help me with? thank you, Sy 225-773-1602	<a href="#">Other</a>	2016-02-05
<input type="checkbox"/>	<a href="#">Hospital Compare via CKAN Datastore</a>	When I click on any of the resource links, I am not taken to any of the data shown on the page. Main Page: <a href="http://www.healthdata.gov/dataset/hospital-compare-api-ckan-datastore">http://www.healthdata.gov/dataset/hospital-compare-api-ckan-datastore</a> Links take me to:	<a href="#">Report a problem</a>	2016-02-05

# Next Steps

- Google Analytics: Fully set-up analytics to make advantage of the multiple tools available, from “Goals” to “Behavior Flow.”
- Feedback Module: Use natural language processing to identify key issues that users face on website.
- Search Engine: Use dataset descriptions to generate better tags for datasets than the ones users upload.
- Enterprise Data Inventory: Update the EDI to accurately represent the current datasets on the portal.
- Marketing Strategy: Explore different marketing opportunities to draw more users to the website, other than from Data.gov and Forbes.