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**Federal CIO Council**



OMB

DOI

EPA

GSA

# *The Issues*

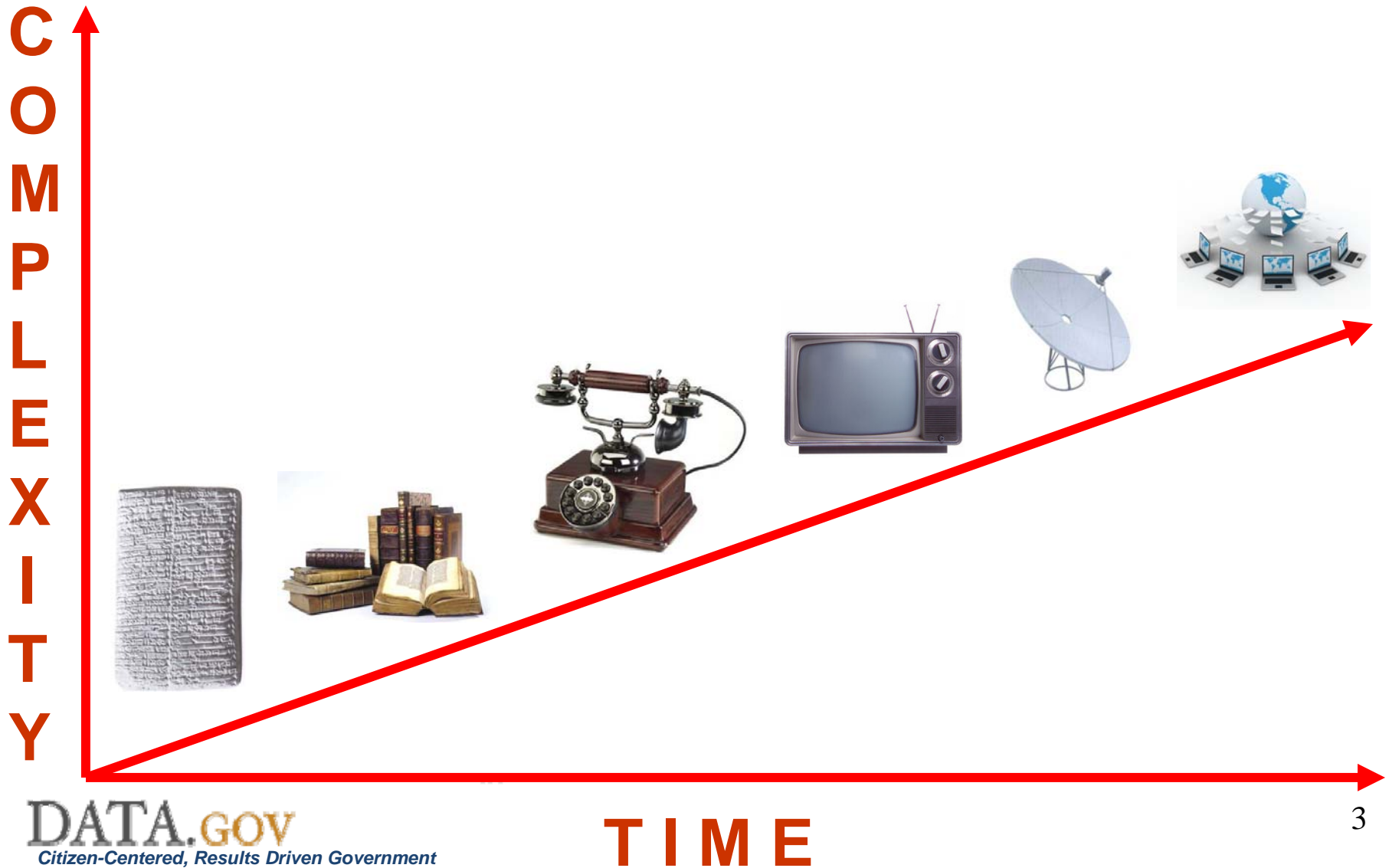
There are over 24,000 .gov web sites – difficult to navigate

Public must understand the federal organizational structure to find datasets on key topics

Data exists in portals – are not “raw” machine downloadable or data locked in legacy systems

Web sites not designed for new generation of technologies on the web

# The Communications Revolution





# *Unlocking the Wealth of Data is Key*

**DATA +  
CONTEXT =  
INFORMATION**

**Set the Information FREE!**





the WHITE HOUSE PRESIDENT BARACK OBAMA ★ ★ ★ ★

the BRIEFING ROOM the AGENDA the ADMINISTRATION

**MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES**

SUBJECT: Transparency and Open Government

*Government should be transparent. Transparency promotes accountability and provides information for citizens about what their Government is doing. Information maintained by the Federal Government is a national asset. My Administration will take appropriate action, consistent with law and policy, to disclose information rapidly in forms that the public can readily find and use. Executive departments and agencies should harness new technologies to put information about their operations and decisions online and readily available to the public. Executive departments and agencies should also solicit public feedback to identify information of greatest use to the public.*

**“Information  
maintained by the  
Federal Government is  
a national asset.”**

*President Obama January 21, 2009*

# When Data is Democratized

When the Department of Defense released its satellite data... the public created affordable GPS devices!



# Tapping the Ingenuity of the American Public

- ◆ The Federal Government does not have a monopoly on good ideas
- ◆ Access to Information unleashes creativity
- ◆ Innovation drives sustainability



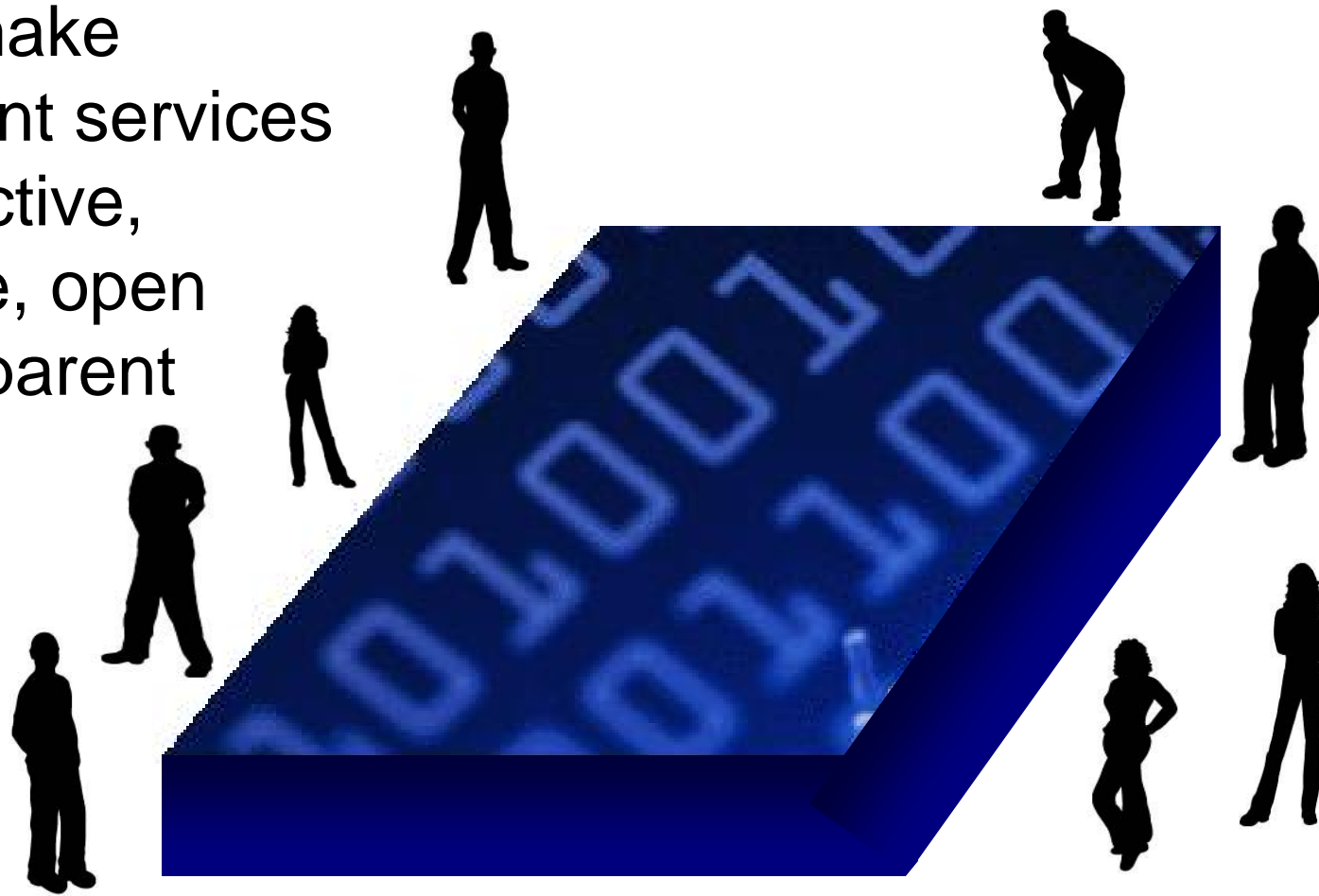
**DATA.GOV**

*Citizen-Centered, Results Driven Government*



# *The Digital Public Square*

A place for sharing ideas to make government services more effective, accessible, open and transparent



# *Part of President Obama's Open Government Initiative*

- ◆ *A government that is:*
  - ◆ **Transparent**
    - ◆ Promotes accountability
    - ◆ Provides information for citizens on what their government is doing
  - ◆ **Participatory**
    - ◆ Agencies encouraged to provide citizens opportunities to participate in policy making
    - ◆ Agencies encouraged to solicit ideas from citizens about how to improve those opportunities
  - ◆ **Collaborative**
    - ◆ Use innovative tools to enable collaboration across and at all levels of government

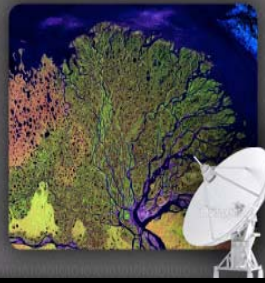
# Goals of Data.gov

## FEATURED TOOL:

### U.S. GEOLOGICAL SURVEY (USGS)

#### USGS Global Visualization Viewer for Aerial and Satellite Data

Ten million archive images of the Earth's surface are available for immediate selection and free download via the USGS Earth Resources Observation and Science (EROS) Center's Global Visualization Viewer at <http://glovis.usgs.gov/>. Users can preview thumbnails, browse images and download full-image selections from 1.5 million aerial photos of U.S. sites and 8.5 million images captured worldwide by U.S. Earth-observing satellites.



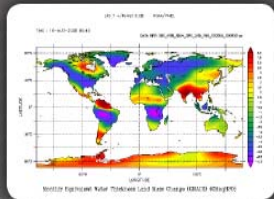
[VIEW THIS TOOL](#) ▶

## FEATURED TOOL:

### NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

#### MyNASA

Mentoring and inquiry using NASA data on Atmospheric and earth science for Teachers and Amateurs. The MY NASA DATA Live Access Server (LAS) is now available to create your own microsets for your class or your interests. The LAS contains over 149 parameters in atmospheric and earth science from five NASA scientific projects.



[VIEW THIS TOOL](#) ▶

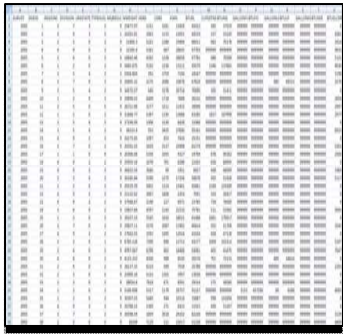
- ◆ Break down stovepipes to increase access to data
- ◆ Instant access: Downloadable data only one click away
- ◆ Data that can be manipulated and mashed-up
- ◆ Encouraging development of innovative applications
- ◆ Tools that provide access to complex datastores
- ◆ Widgets

# *Data Quality and Privacy are Paramount*

- ◆ The dataset continues to reside on agency's own web site
- ◆ Agency retains responsibility for authoritative source of data, including corrections and updates
- ◆ Agency retains responsibility for protecting personally identifiable information, information quality, and records retention
- ◆ Agency retains responsibility for impacts of Data.gov access on their site



# What is Meant by 'Raw' Data?



- ◆ Machine readable
- ◆ Preference for structured datasets
- ◆ Data that can be used for multiple purposes
- ◆ Data that is largely free from interpretation and value judgments (observational, unbiased data)
- ◆ Datasets that can be mashed-up with others (brought into context using lightweight web programming techniques and technologies)
- ◆ As 'raw' as possible (lowest level of aggregation, before analysis)
- ◆ Preferred formats for 'raw' data: XML, CSV/TXT, RSS, Keyhole Markup Language (KML/KMZ), ESRI Shapefile
- ◆ Avoid datasets in the following formats: PDF and HTML (e.g., HTML tables containing data)

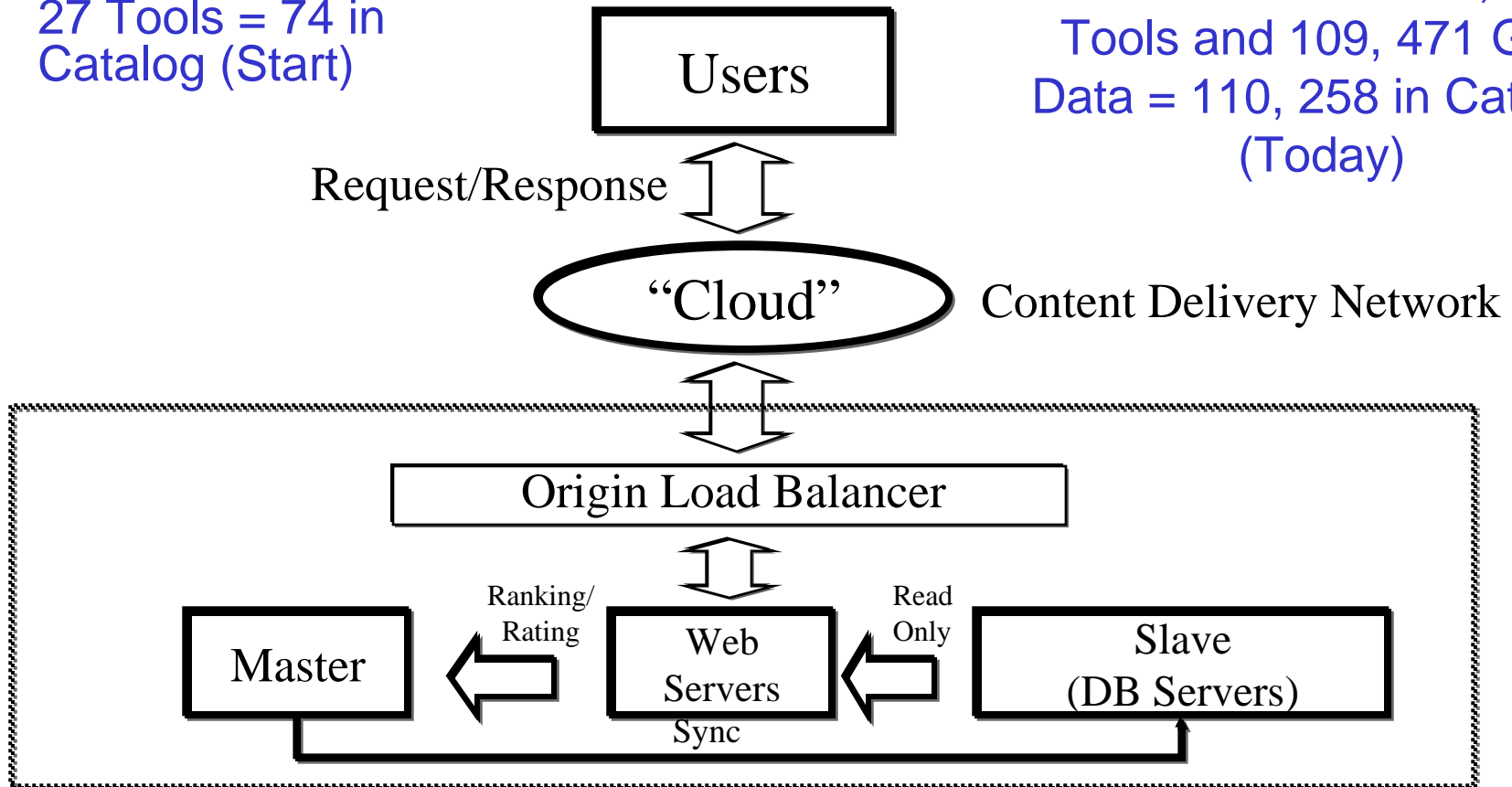
**Machine readable formats**

- RSS
- CSV
- KML
- SHP
- XLS
- XML

# DataGov went Live on May 21, 2009 - Leveraging Innovative, New Cloud Computing Technologies

47 Raw Data Sets and  
27 Tools = 74 in  
Catalog (Start)

579 Raw Data Sets; 208  
Tools and 109, 471 Geo  
Data = 110, 258 in Catalog  
(Today)



*Over 23 Million hits since launch with 91.6% handled by Cloud!*

# Top Ten States Visiting Data.Gov

- ◆ California
- ◆ District of Columbia
- ◆ New York
- ◆ Texas
- ◆ Virginia
- ◆ Illinois
- ◆ Massachusetts
- ◆ Washington
- ◆ Florida
- ◆ Georgia



# Top Ten Countries Visiting Data.Gov



- ◆ USA
- ◆ Canada
- ◆ United Kingdom
- ◆ Germany
- ◆ Australia
- ◆ France
- ◆ Netherlands
- ◆ China
- ◆ Italy
- ◆ India



Search by state or local government

Suggest Datasets

Featured Dataset or Tool

FEATURED TOOL:  
BUREAU OF TRANSPORTATION STATISTICS  
Airline On-Time Performance and Causes of Flight Delays

The Airline On-Time Performance and Causes of Flight Delays table contains on-time arrival data for non-stop domestic flights by major air carriers, and provides such additional items as departure and arrival delays, origin and destination airports, flight numbers, scheduled and actual departure and arrival times, cancelled or diverted flights, taxi-out and taxi-in times, air time, and non-stop distance.

VIEW THIS TOOL ▶



Search the following Data.gov catalogs:



## Welcome to Data.gov

The purpose of Data.gov is to increase public access to machine readable datasets generated by the Executive Branch of the Federal Government. Although the initial launch of Data.gov provides a limited portion of the rich variety of Federal datasets presently available, we invite you to actively participate in shaping the future of Data.gov by suggesting additional datasets and site enhancements to provide seamless access and use of your Federal data. Visit today with us, but come back often. With your help, Data.gov will continue to grow and change in the weeks, months, and years ahead.

Search Catalogs

## How to use Data.gov

Data.gov includes searchable **data catalogs** providing access to data in three ways: through the "raw" data catalog, the tool catalog and the geodata catalog. Please note that by accessing datasets or tools offered on Data.gov, you agree to the **Data Policy**, which you should read before accessing any dataset or tool. If there are additional datasets that you would like to see included on this site, please [click here](#). For more information on how to use Data.gov, [view our tutorial](#).

Data.gov Tutorial

# Engaging a Larger Community - State and Local Specific Data

**DATA.GOV**

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## State and Local Data Sites

We are encouraging and working with states and local governments to launch their own sites with access to machine-readable data. The map below provides easy access to the state and local data sites that have been launched.

Click on state to access state data

■ Data Available

DATA.GOV | Data Policy | Accessibility | Contact Info | Privacy Policy

USA.gov

# Catalogs

## Data.gov Catalogs

Use the Data.gov catalog below to access U.S. Federal Executive Order metadata for that dataset. By accessing the data catalogs, "raw" data catalog, using tools and through the geodata catalog, readable, platform-independent datasets, while the Tools

the name of a dataset to view additional gov offers data in three ways: through the provides an instant download of machine that allow you to mine datasets.



Input keywords

TOOL CATALOG

Search tools by keywords

Search tools by single/multiple category

- All Categories
- Births, Deaths, Marriages, and Divorces
- Business Enterprise

Search tools by single/multiple agency

- All Agencies
- Agency for Healthcare Research and Quality (AHRQ)
- Bureau of Economic Analysis (BEA)

SEARCH

Page 1 of 2 (35 records found)

1 | 2

Results per page: 25 | 50 | 100

Name (click for metadata and to rate tool)	Rating	Agency	Category	Data Extraction	Widget
<b>Airline On-Time Performance and Causes of Flight Delays</b> This table contains on-time arrival data for non-stop domestic flights by major air carriers, and provides such additional items as departure and arrival delays, origin a...	★★★★★ (5 votes)	BTS	Transportation		
<b>American FactFinder</b> American FactFinder is the U.S. Census Bureau's online, self-service tool designed to search the American Community Survey, Puerto Rico Community Survey, Decennial Census, ...	★★★★★ (12 votes)	Census	Population		
<b>Cancer Incidence - Surveillance, Epidemiology, and End Results (SEER) Registries Limited-Use</b> SEER Limited-Use cancer incidence data with associated population data. Geographic areas available are county and SEER registry. The Surveillance, Epidemiology, and End ...	★★★★★ (7 votes)	NCI	Health and Nutrition		
<b>CDC Emergency Text Messages</b> Provides up-to-date information on public health text alerts before and during emergencies.	★☆☆☆☆ (0 votes)	CDC	Health and Nutrition		
<b>DataFerrett</b> The DataFerrett tool is used to search American Community Survey Public Use Microdata, Current Population Survey(CPS), CPS supplemental surveys, Survey of Income and Pro...	★★★★★ (17 votes)	Census	Population		

Rate the tool

# Easily Downloadable Data: A Click Away

2007 Toxics Release Inventory National data file of all US States and Territories

DATASET SUMMARY	
<b>Agency:</b>	Environmental Protection Agency
<b>Category:</b>	Geography and Environment
<b>Date Released:</b>	3/19/2009
<b>Date Updated:</b>	6/10/2009
<b>Time Period:</b>	Calendar Year 2007
<b>Frequency:</b>	Annual
<b>Description:</b>	The Toxics Release Inventory (TRI) is a publicly available information on toxic chemical releases and waste management by certain industries as well as federal facilities.

DOWNLOAD INFORMATION	
<b>Feeds</b> ▶	<b>XML</b> ▶
<b>CSV/TXT</b> ▶	<b>XLS</b> ▶
<b>CSV</b> 37.40MB	<b>Shapefile</b> ▶
<b>XML/KML</b> ▶	
<b>Maps</b>	

Download data here

DATASET RATINGS	
	<b>Current</b> <b>Your Rating [?]</b>
<b>Overall</b>	★★★★★ (3 votes) ⓧ ★★★★★
<b>Data Utility</b>	★★★★★ (3 votes) ⓧ ★★★★★
<b>Usefulness</b>	★★★★★ (3 votes) ⓧ ★★★★★
<b>Ease of Access</b>	★★★★★ (3 votes) ⓧ ★★★★★



Rate data here

Comment here

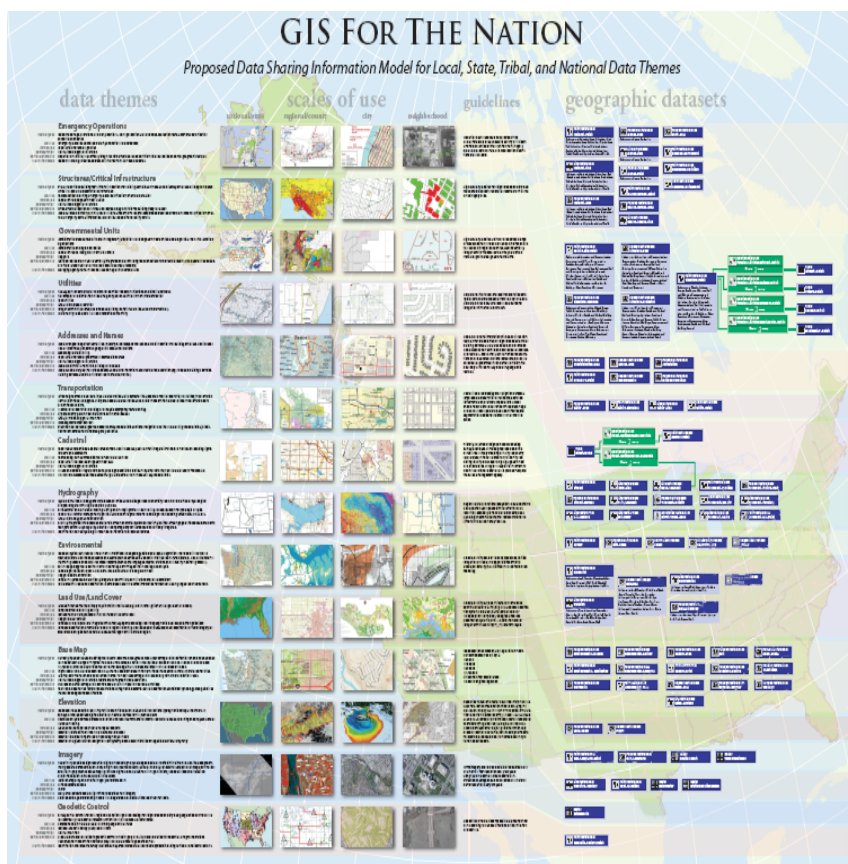
Comment on these data:

  
  
[\(Privacy Policy\)](#)

DATASET INFORMATION	
<b>Data.gov Data Category Type</b>	Raw Data
<b>Specialized Data Category Designation</b>	Administrative
<b>Keywords</b>	TRI, TRI Data, TRI Reporting, Toxic, Toxics, Toxic Release, Toxics Release, Toxic Release Inventory, Toxics Release Inventory, Chemical, Chemicals, Chemical Release, Chemical Pollution, EPCRA, EPCRA 313, section 313, TRI State Data, Hazardous, Right to Know, Form R, Form A, pollution prevention, waste management, source reduction, community, community right to know, toxic chemical release inventory, toxic chemicals release inventory, facility, facilities



# Geo-Spatial Data is A Key Enabler for “Killer Apps”



- ◆ **“Human knowledge is expected to be doubling by the year 2012” (Alvin Toffler)**
- ◆ **Geo-aware Applications are key**
- ◆ **How To Realize the Promise of GIS for the Nation?**
  - **Geo-data “architected and built-in”**
  - **Lightweight Geo-Applications and Mash-ups for Web 2.0/Gov 2.0**
  - **Incremental, Agile, Actionable and Affordable Delivery**

# *The Power of Setting Data Free*



# H1N1 Widget

## HHS 2009 Flu Info

**DATASET SUMMARY**

**Agency:** Centers for Disease Control and Prevention

**Category:** Health and Nutrition

**Date Released:**

**Date Updated:**

**Time Period:** Daily (M-F)

**Frequency:** Daily

**Description:** This H1N1 widget provides a graphic with links to H1N1 Flu Info

**DATASET RATINGS**

	Current	Your Rating [?]
Overall	★★★★★ (10 votes)	★★★★★
Data Utility	★★★★★ (9 votes)	★★★★★
Usefulness	★★★★★ (9 votes)	★★★★★
Ease of Access	★★★★★ (9 votes)	★★★★★

**DATASET INFORMATION**

<b>Data.gov Data Category Type</b>	Tool Catalog
<b>Specialized Data Category Designation</b>	Widget/Gadget
<b>Keywords</b>	federal widget, H1N1, flu information, swine, origin, united states information, international information, things to do, plan, prepare, planning, preparing, virus, outbreak, Novel Influenza A, hospitalizations, deaths, unsubtypable
<b>Unique ID</b>	12

**DOWNLOAD INFORMATION**

Data Extraction ▶

Widget ▶ 

Comment on these data:

Click on Widget

# H1N1 Widget to CDC.gov

Get real time updates on your phone

Promote health awareness

Track the H1N1 flu and other health alerts

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

## CDC.gov Widgets and Gadgets

CDC Home > Widgets/Gadgets

CDC.gov provides content in several useful ways, via our e-mail updates, podcasts and RSS feeds. Our newest features are the Flu Updates, Emergency Text Messages and the CDC Data and Statistics Widget. Widgets are online applications built by one Web site that can be displayed onto another Web site.

A widget is a CDC.gov application that displays the featured content directly on your web page. You can embed content in personalized home pages, blogs, and other sites. Once you've added the widget, there's no technical maintenance. CDC.gov will update the content automatically.

Adding a CDC.gov widget to your page means that you will have up-to-date, credible health and safety content in your favorite spaces - no more searching or browsing! Stay informed about the health content that is most meaningful to you.

### On this Page

- Available Widgets
- How to Use CDC Widgets and Gadgets
- Disclaimer
- Feedback or Technical Questions

### Available Widgets

- CDC Public Health Data and Statistics
- FDA Pistachio-Containing Product Recall
- FDA Peanut-Containing Product Recall
- FluView National Flu Activity Map
- National Environmental Public Health Tracking Program
- CDC Emergency Text Messages

### HHS 2009 Flu Info Widget

#### H1N1 Flu Info

This Swine widget provides a graphic with links to Swine Flu Info

Copy This Code for the Swine Flu Info widget:

```
<script type="text/javascript" src="http://transparency.cit.nih.gov/widgets/swine links.cfm?javascript"></script> <noscript><iframe src="http://transparency.cit.nih.gov/widgets/swine links.cfm" name="swineframe" frameborder=0
```

Add This To Your Web Site!

#### Información Influenza H1N1

This Swine widget provides a graphic with links to Swine Flu Info

# Prevent Spreading of Illnesses

## FDA Peanut Product Recall Widget

### FDA Product Recall List

**FDA** **Salmonella**

### Peanut Product Recall

Information current as of  
12 Jun 2009 16:00:00 GMT

Search  **GO**

- [Brownie Product Recalls](#)
- [Cake and Pie Product Recalls](#)
- [Candy Product Recalls](#)
- [Cereal Product Recalls](#)
- [Cookie Product Recalls](#)
- [Cracker Product Recalls](#)
- [Donut Product Recalls](#)
- [Dressing and Seasoning Product Recalls](#)

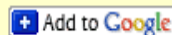
**DOWNLOAD INFORMATION**

- Data Extraction
- Widget**

The FDA Peanut-Containing Product Recall widget allows you to browse the Food and Drug Administration (FDA) database of peanut butter and peanut-containing products subject to recall. This database makes it easier for you to determine whether any of the products you have at home are subject to recent recalls, and will be updated as new information becomes available.

Copy This Code for FDA Peanut-Containing Product Recall:

```
<h3 id="start-widget-focus" style="margin-top: 10px; margin-bottom:-10px;"><a href="http://www.accessdata.fda.gov/scripts/peanutbutterrecall/index.cfm" style="margin-left: 40px; font-weight: bold;" title="Jump directly to the
```



### FDA Peanut-Containing Product Recall

DATASET SUMMARY	
Agency:	US Food and Drug Administration
Category:	Health and Nutrition
Date Released:	
Date Updated:	
Time Period:	
Frequency:	
Description:	The FDA Peanut-Containing Product Recall widget allows you to browse the Food and Drug Administration (FDA) database of peanut butter and peanut-containing products subject to recall. This database makes it easier for you to determine whether any of the products you have at home are subject to recent recalls, and will be updated as new information becomes available.

DOWNLOAD INFORMATION	
Data Extraction	
<b>Widget</b>	

Comment on these data:

**SUBMIT**

[\(Privacy Policy\)](#)

Click on Widget



## Transparency: Track your Tax Dollars

Contractors per page: 100

Page number: 1

Contractors 1-100 of Total 46981 First Prev

Parent Company Name	Contractor	Contracts from Dept. of Defense (FY 2009)
<a href="#">Lockheed Martin Corporation</a>	ACS DEFENSE;ACS GOVERNMENT ; SYS;ASPENMED SVC;COHERENT TECH;EAGLE GROUP INTL;GENERA... <a href="#">more</a>	\$16,186,056,381
<a href="#">The Boeing Company</a>	;ALTEON TRAINING;ALTEON TRAINING 0001;AUTOMETRIC;AVIALL;AVIALL SVC;BOEING;BOEING 0674;BOEING 3;BOEIN... <a href="#">more</a>	\$13,876,918,725
<a href="#">Northrop Grumman Corporation</a>	ADAPTIVE OPTICS ASSOCIATES;AEROJET ELECTRO SYS;AEROJET GENERAL;AMHERST SYS;AMSEC;AMSEC LIMITED LIAB... <a href="#">more</a>	\$7,848,633,795
	ANCED INFORMATION ENGINEERI;ADVANCED INFORMATION EERING SVC;AMERICAN OVERSEAS MARINE;AMERICA... <a href="#">more</a>	\$7,461,323,067
	STON ASSOCIATES;IDS RAYTHEON RF COMPONENTS;JPS IUNICATIONS;OAKLEY NETWORKS;PHOTON RESEARCH	\$5,650,315,592
	HLBRANDT TECHNISCHE ANLAGEN GMBH;AMTECH TOR SVC;ANTRONNIX ANTENNA;ARCHITECTURAL RY;AII <a href="#">more</a>	\$4,346,198,965

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### USA Spending Contracts and Purchases

**DATASET SUMMARY**

**Agency:** General Services Administration

**Category:** Federal Government Finances and Employment

**Date Released:** 2008


**Date Updated:** 2009


**Time Period:** 2009

**Frequency:** Monthly

**Description:** Provides US Federal Spending by agency. The Contracts section allows searching for data relating to all Federal contracts. There are three main categories of searches: by contractor, by location, and by contracting agency. The Purchase section allows users to view purchase cards spending of various federal agencies for each fiscal year. The data available on this website are extracted from the rep ([more](#))

**DOWNLOAD INFORMATION**

Data Extraction 

Widget 

Comment on these data:

SUBMIT

(Privacy Policy)

Click on Data  
Extraction

# Save Time During Air Travel

## Legend

- General Arrival/Departure delays are 15 minutes or less.
- Departures are experiencing taxi delays of 16 to 45 minutes and/or arrivals are experiencing airborne holding delays of 16 to 45 minutes.
- Traffic destined to this airport is being delayed at its departure point. Check your departure airport to see if your flight may be affected.
- Departures are experiencing taxi delays greater than 45 minutes and/or arrivals are experiencing airborne holding delays greater than 45 minutes.
- This denotes a closed airport!

View by Region:

Search by Airport:    
(Enter city, airport code, airport name)

View by Major Airport:

THURSDAY, JUNE 25, 2009 Text A+ A


## DATA.GOV

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### Airline On-Time Performance and Causes of Flight Delays

DATASET SUMMARY	
Agency:	Bureau of Transportation Statistics
Category:	Transportation
Date Released:	10/1/1987
Date Updated:	5/12/2009
Time Period:	October 1987 onward
Frequency:	monthly
Description:	This table contains on-time arrival data for non-stop domestic flights by major air carriers, and provides such additional items as departure and arrival delays, origin and destination airports, flight numbers, scheduled and actual departure and arrival times, cancelled or diverted flights, taxi-out and taxi-in times, air time, and non-stop distance.

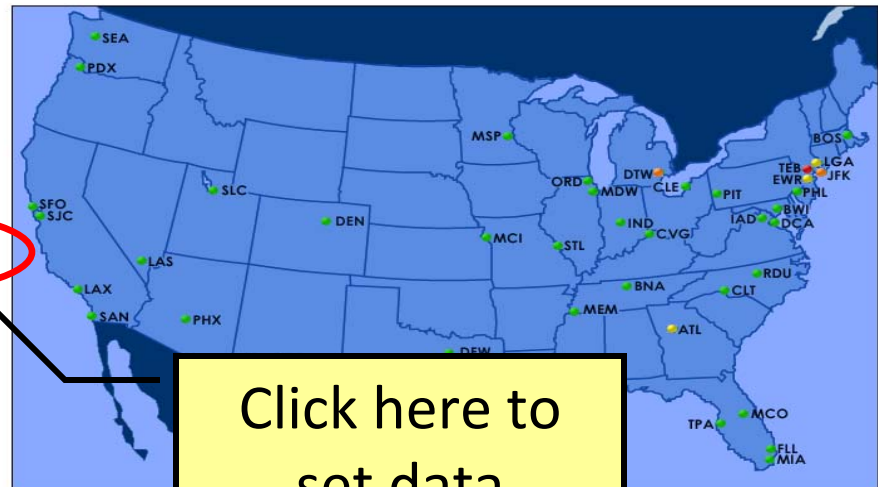
**DOWNLOAD INFORMATION**

**Data Extraction** 

View Data

Comment on these data:

(Privacy Policy)



# .....*Get there on time*



Using data from the [Federal Government](#), we can tell you how late your flight is on average or help you find the most on-time flight from one city to another.



**FlyOnTime.us**

Airline:

Flight #: (optional)

Search >>

From: (city or airport)

To: (city or airport)

Search >>

OR

[Terms of Use](#)

## Aviation Data & Statistics

Updated: 12:04 pm ET March 24, 2009



### Aeronautical

- [Aeronautical Survey Program](#)

### Airlines & Airports

- [Air Operators Utilization Reports](#)
- [Airline On-Time Statistics & Delay Causes](#)
- [Airport Data \(5010\) and Contact Information](#)
- [Airport Noise Compatibility Planning Data and Program Status](#)
- [Airport Obstruction Charts \(NOAA\)](#)
- [DOT Airline Statistics](#)
- [FAA Operations & Performance Data](#)
- [Forecasting Aviation Activity by Airport \(MS Word\)](#)

### Airmen & Aircraft

- [Airmen Knowledge Test Statistics](#)
- [Data Downloads](#)
- [Service Difficulty Reporting](#)
- [U.S. Civil Airmen Statistics](#)

### General Aviation

- [General Aviation and Air Taxi Activity Surveys](#)
- [Model for Estimating General Aviation Operations at Non-Towered Airports \(MS Word\)](#)

### Other Resources

- [Data Library \(DOT\)](#)
- [System Standards](#)

## Summary Statistics Origin Airport

Origin Airport: Washington, DC - [Washington Dulles International \(IAD\)](#)

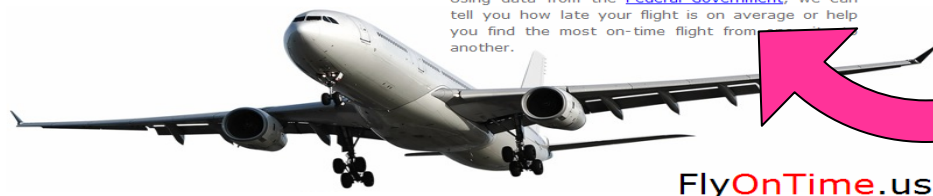
Airline: Delta Air Lines (DL)

Time Period: January 1, 2009 to January 1, 2009

Note: A complete listing of [airline](#) and [airport](#) abbreviations is available. Times are reported in local time using a 24 hour clock.

[Excel](#) | [CSV](#)

Carriers	All Flights				Late Flights				Total Number Cancelled	Percent Flights Cancelled	Total Number Diverted	Percent Flights Diverted	Percent Flights Late
	Total Number	Average Departure Delay (minutes)	Average Taxi-Out (minutes)	Average Scheduled Departure to Take-off (minutes)	Total Number	Average Departure Delay (minutes)	Average Taxi-Out (minutes)	Average Scheduled Departure to Take-off (minutes)					
DL	40	-5.86	12.86	7.00	0	0.00	0.00	0.00	0	0.00	0	0.00	0.00



Using data from the [Federal Government](#), we can tell you how late your flight is on average or help you find the most on-time flight from one airport to another.

From:  To:  Day:

Airline:

Flight #: (optional)

OR

From: (city or airport)

To: (city or airport)

[Terms of Use](#)

## Most On-Time Flights and Airlines

Data from April, 2009

From **Washington, DC (IAD)** to **Los Angeles, CA (LAX)**:

Flight	Average Arrival	Num Flights
<a href="#">United 925</a>	10.9 min. early	30
<a href="#">United 49</a>	7.8 min. early	30
<a href="#">United 83</a>	3.9 min. early	30
<a href="#">United 209</a>	3.8 min. early	30
<a href="#">American 75</a>	3.8 min. early	29
<a href="#">United 947</a>	2.5 min. early	29
<a href="#">American 149</a>	2.5 min. early	30
<a href="#">United 867</a>	1.4 min. early	30
<a href="#">United 841</a>	4 min. late	26
<a href="#">United 967</a>	4.8 min. late	29
<a href="#">American 263</a>	9.6 min. late	30



**“A new reframing of the world wide web”**



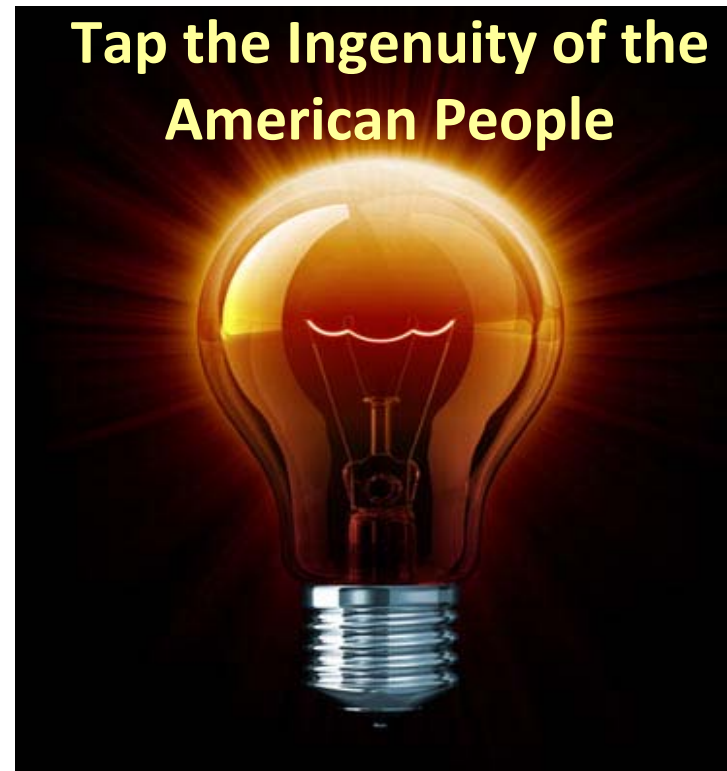
***Innovative Problem Solving***



**Open government data**



**Tap the Ingenuity of the American People**







# Engage and Participate

- Blog
- Applications
- Projects

## Comments

*[Markdown syntax](#) is supported in comments.*



[Robert Kosara](#)

Works with the command-line unzip utility on the Mac too, so it should work in Linux as well. These .exe files are usually just ZIP files with a little expander program tacked on; they're not as bad as they seem. Yeah, I'm the apologist again, sorry ;) But this is actual data, not PDFs or anything.



[Robert Kosara](#)

The much bigger problem is that most of the data inside these ZIPs/EXEs is .doc and .xls files, rather than .pdf and .csv.



[Michael E. Driscoll](#)

I think this points to the difference between making data available versus making it accessible.

Making raw data available isn't hard -- you simply upload whatever bundle of bits (in this case, a bunch of .exe files) and voila, you're finished.

But making data accessible has a tried and true name: publishing. Publishing is hard, and publishing data is arguably harder, as anyone who has ever prepared a data set to share with colleagues, collaborators, or just to post on a web site can tell you.

Data.gov is a good idea, and I'm a big fan of the initiative, but it will have to overcome some of these burdens if it's going to gain traction.



[Pete Skomoroch](#)

I'm going to side with Data.gov on this one.

The last thing we should do is discourage them from putting more data up quickly... just label it as "other" instead of CSV. If someone writes a parser, they should



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### RECENTLY SUBMITTED APPS

#### Top Dangerous Mines

A website showing a real-time list of the most dangerous mines in the US based on recent earthquake data.

Submitted June 18, 2009 by Benjamin Hardin

#### FlyOnTime.us

Find the most on-time flight from one city to another.

Submitted June 11, 2009 by Josh Sulkin

#### FBI Fugitive Concentration

Play Concentration with photos of FBI Fugitives

Submitted May 22, 2009 by Bertrand Fan

# Agency Participation and Citizen Engagement are the Keys to the Success of Data.gov

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**Agencies Providing Data to Include on Data.gov and Exposing New Datasets**



**Citizens Using Data.gov Data to Create Applications and Mashups**

**Citizens Suggesting Datasets They Want To See**

**Citizens Commenting on Specific Datasets**

DATASET RATINGS		
	Current	Your Rating [?]
Overall	★★★★★	⊖ ★★★★★
Data Utility	★★★★★	⊖ ★★★★★
Usefulness	★★★★★	⊖ ★★★★★
Ease of Access	★★★★★	⊖ ★★★★★

**Data.gov Users Rating Datasets Using a Five Star Rating**

# *The Future of Data.gov....*

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- ◆ Continue to Tap into the ingenuity of the American People
- ◆ More collaboration and participation with the Public (e.g., blogs)
- ◆ Social interaction and discussion
- ◆ Implementation of new technologies (e.g., web services and RSS feeds)
- ◆ Additional datasets, including those not already publicly available
- ◆ More Data visualizations, Mash-ups and applications from the data on Data.gov
- ◆ Linked Open Data...Semantic Web etc.



# Questions?



The days of searching long and hard for data are over...



..Data is now brought to you and more easily available..



...And should not be such a “bear” of a problem!