

Home Page



The screenshot shows the Data.Gov homepage. At the top left is the Data.Gov logo, which consists of a stylized American flag icon followed by the text "DATA.GOV". To the right of the logo is a navigation menu with the following items: "DATA", "TOPICS" (with a dropdown arrow), "IMPACT", "APPLICATIONS", "DEVELOPERS", and "CONTACT". Below the navigation menu is a blue banner with the text "The home of the U.S. Government's open data" in white. Underneath the banner is a paragraph: "Here you will find data, tools, and resources to conduct research, develop web and mobile applications, design data visualizations, and [more](#)." Below this is a white section with the text "GET STARTED" and "SEARCH OVER 192,322 DATASETS" above a search bar. The search bar contains the text "Federal Student Loan Program Data" and a search icon. Below the search bar is a "BROWSE TOPICS" link.

Logo



URL

<https://www.data.gov/>

Subject

Government information - United States – Web Resources

Accessibility

Free

Language

English

Publisher

U.S. Government

### ***Brief History***

On March 5, 2009, shortly after his appointment as the first Federal Chief Information Officer, Vivek Kundra announced the creation of Data.gov. Data.gov is finally launched in late May 2009. The website is managed and hosted by the U.S. General Services Administration, Office of Citizen Services and Innovative Technologies. The site introduced the philosophy of digital Open data to the U.S. federal government, an approach which the book Democratizing Data states will have benefits including "rebuilding confidence in government and business".

### ***Scope and Coverage***

Data.Gov is powered by two open source applications, CKAN and WordPress, and it is developed publicly on GitHub. Data.gov follows the Project Open Data schema – a set of required fields (Title, Description, Tags, Last Update, Publisher, Contact Name, etc.) for every data set displayed on Data.gov. Data.gov collects information on the total number of datasets and dataset collections. Fluctuations in dataset and dataset collection totals may occur as the result of resolving issues with dataset duplicates or merging datasets into dataset collections. Data.gov also tracks Federal Agency Participation and visitor metrics. Data.Gov covers topic like Agriculture, Climate, Consumer, Ecosystems, Education, Energy, Finance, Health, Local Government, Manufacturing, Maritime, Ocean, Public Safety and Science and Research. Data.Gov holds 191,773 datasets still now.

### ***Kind of Information***

There is several of information that can be accessed from here. They are.....

**Agriculture:** Explore data that can help inform agriculture investment, innovation and policy strategy.

**Climate:** Here visitors can find data related to climate change that can help inform and prepare America's communities, businesses, and citizens.

**Consumer:** Discover hundreds of free data sets and resources one can use to build apps that help consumers make smarter choices.

**Ecosystems:** Discover and explore data resources on ecosystems and biodiversity, Including ecosystem components, functions, and services.

**Education:** Explore education datasets, apps, resources for the classroom, and details about paying for college. These datasets cover education at all levels.

**Energy:** Discover data and resources on key energy topics like alternative fuels, green buildings, efficiency, and managing energy in your own home.

**Finance:** Explore hundreds of free data sets on financial services, including banking, lending, retirement, investments, and insurance.

**Health:** Explore datasets, tools, and applications related to health and health care. These resources come from across the Federal Government with the goal of improving the health and lives of all Americans.

**Local Government:** Open data is powering a new civic movement that is changing the way citizens experience our nation's cities, counties, and states.

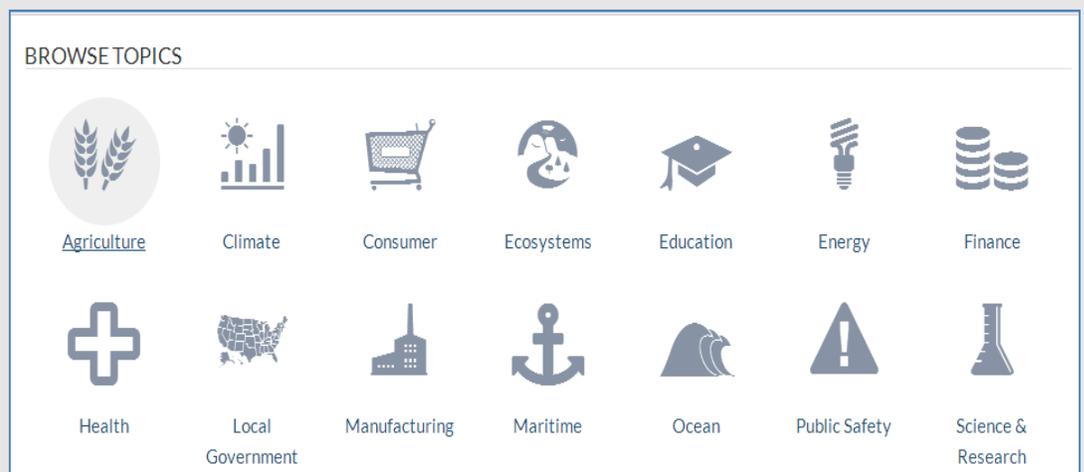
**Manufacturing:** Explore data, tools, apps and research related to new technologies, facilities, and research. The U.S. Government funds research for government agencies to help empower U.S. innovation—through this page visitor now have access to all of that valuable research and data.

**Maritime:** Discover datasets for marine transportation, a critical part of our transportation system used for domestic and international trade, national security, research, and recreation. Explore data related to mapping and charting, energy use, commodity movement, international trade and finance, environmental sustainability, and more.

**Ocean:** Discover and access data, information, and decision tools related to our ocean, coasts, and Great Lakes. The National Ocean Council provides this site to support regional marine planning efforts across the country and to create a convenient place for anyone to find out more about our marine, coastal, and Great Lakes environments.

**Public Safety:** All the security related questions & answer are shared here like....crime, roadway safety, or safety in the workplace.

**Science & Research:** Discover high-value public science and research data from across the Federal Government.



In Data.gov visitors will find data, tools, and resources to conduct research, develop web and mobile applications, design data visualizations, and more. The topic of data.gov are comes with different information related to it containing in a database.

Each data in the database gives information about type of data, reviews that are related to it, access and use of information, downloads and resources, meta data, additional meta data sources and links etc. The download can be made in Comma separated values file, JSON file, xml file. There are links of web pages in ‘Landing Page’ link.

### Special Features

- ❖ There are several apps that use data from data.gov; a list can be seen at [data.gov/applications](http://data.gov/applications).
- ❖ Links with Github (an external website that have different content & privacy policies from Datagov).

### Arrangement Pattern

Topics are arranged alphabetically. Under each topic, sub-topics are arranged according to upload date. Database order is arranged by popularity.

### Remarks

Data.gov is primarily a federal open government data site. However, state, local, and tribal governments can also syndicate metadata describing their open data resources on Data.gov for greater discoverability. Data.gov does not host data directly, but rather aggregates metadata about open data resources in one centralized location. Once an open data source meets the necessary format and metadata requirements, the Data.gov team can pull directly from it as a Harvest Source, synchronizing that source’s metadata on Data.gov as often as every 24 hours.

***Comparable Tools***

- GOV Spot ( <http://www.govspot.com/>)
- USA.GOV ( <https://www.usa.gov/>)
- Foreign Government Resources on the Web ( <http://www-personal.umich.edu/~graceyor/govdocs/foreign.html>)
- Governments on the WWW( <http://www.gksoft.com/govt/>)

***Date of Access***

20<sup>th</sup> March, 2017