

CESL, University of Arizona, 2017

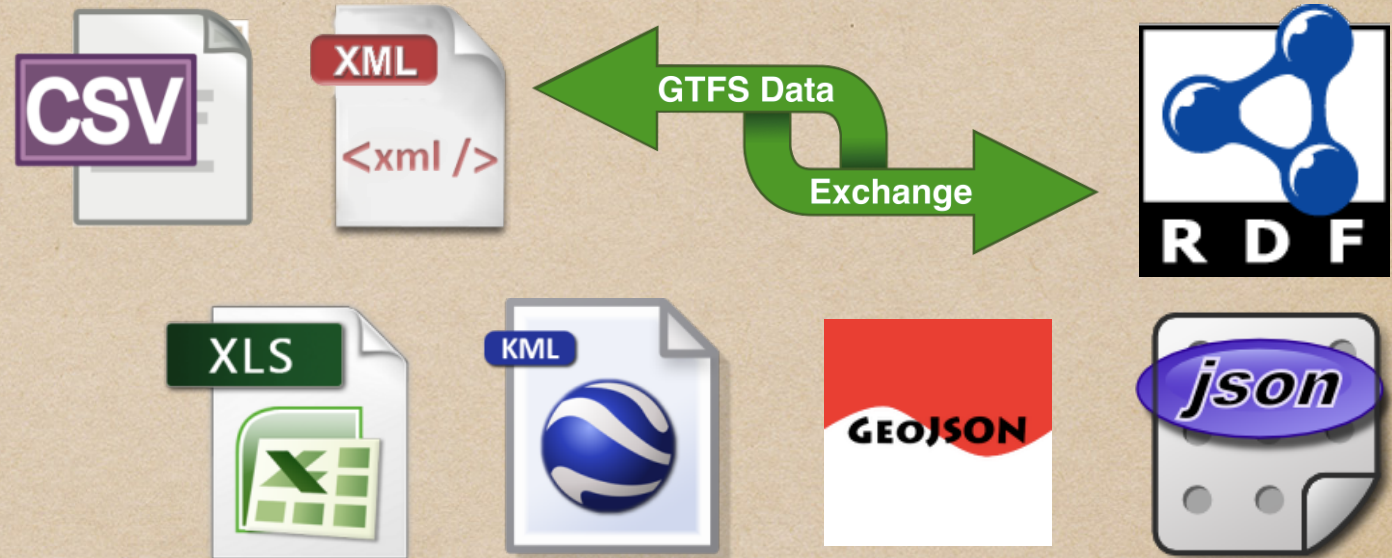
Introduction to Open Data

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What is Open Data?

Open Data Definition

Machine-Readable
formats



Open Licenses



Open Licenses

Creative Commons

<http://creativecommons.org/choose/>

The screenshot shows the Creative Commons 'Choose a license' page in Russian. It features a series of steps to select a license. The first step, 'Выбранная лицензия' (Selected license), shows the 'Attribution 3.0 Unported' license (CC BY 3.0). The second step, 'Особенности лицензии' (License features), allows users to choose whether to allow others to share their work (selected 'Да' - Yes) and whether to allow commercial use (selected 'Да' - Yes). The third step, 'Помогите людям указать ваше авторство!' (Help people identify your work!), has a text input field for the work's name. The fourth step, 'Есть ли веб-страница?' (Is there a website?), has a checkbox for 'This work is available online' (selected 'Да' - Yes). The final step, 'Это свободная лицензия на произведение культуры!' (This is a free license for a cultural work!), has a checkbox for 'This work is available online' (selected 'Да' - Yes).

Open Data Commons

<http://opendatacommons.org/licenses/>

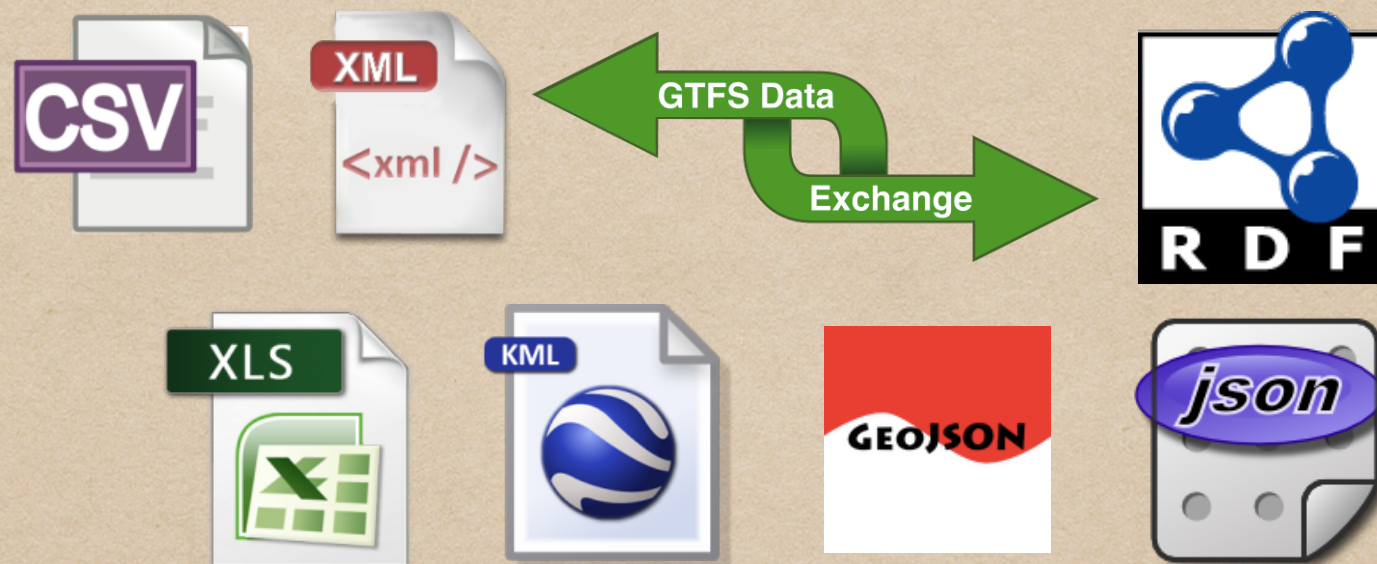
The screenshot shows the Open Data Commons website. The header includes the logo and navigation links: Home, Licenses, Norms, FAQ, News, and About. The main content area is titled 'Legal tools for Open Data' and lists three licenses: Public Domain Dedication and License (PDDL), Attribution License (ODC-BY), and Open Database License (ODC-ODbL). Below the licenses, there is a section for 'Applying a License' with instructions on how to apply the licenses to material. At the bottom, there is a 'Questions or suggestions? There is:' section with links to a License FAQ and a public mailing list.

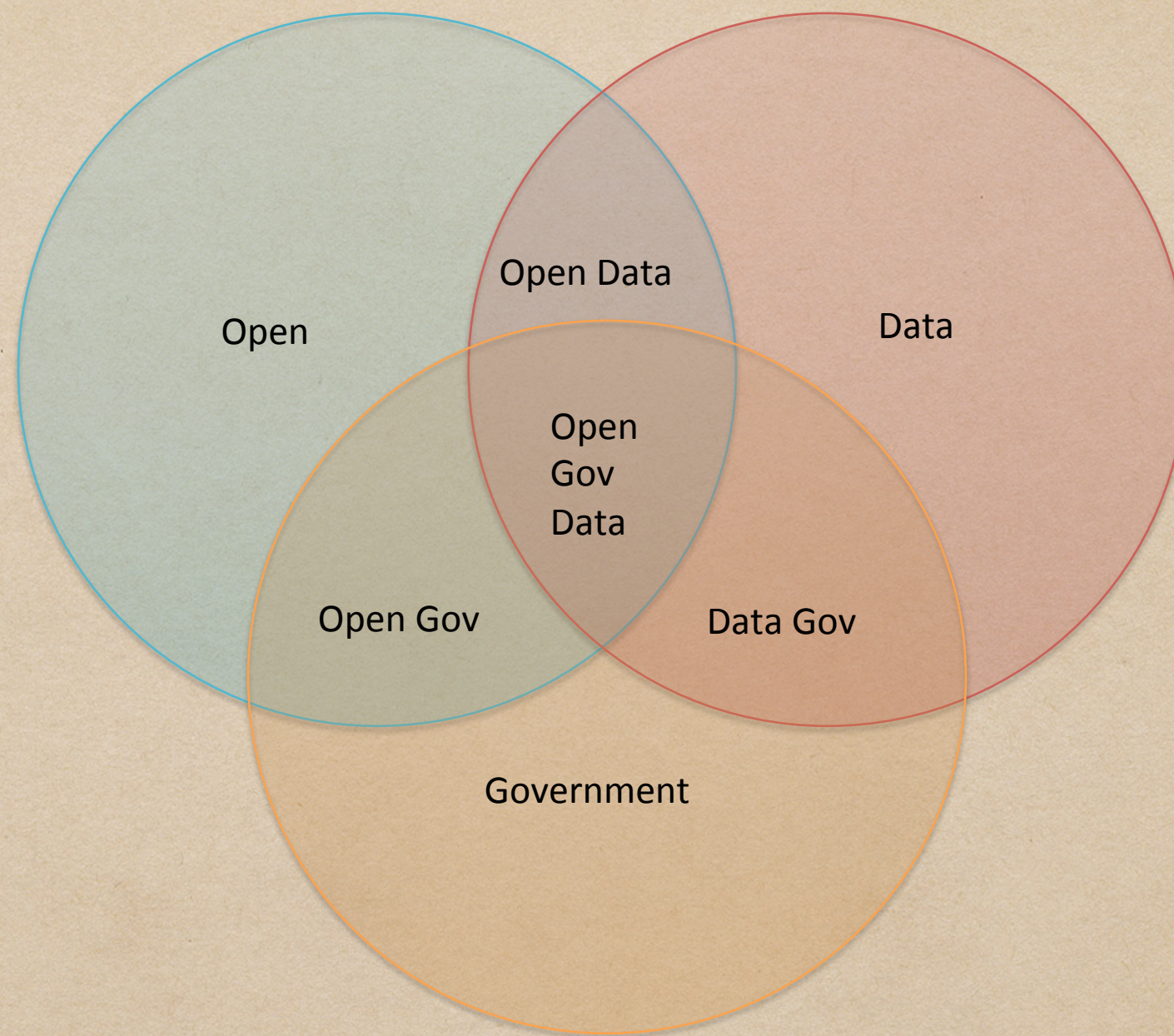
Open Government Licence

<http://www.nationalarchives.gov.uk/doc/open-government-licence/version/1/open-government-licence.htm>

The screenshot shows the Open Government Licence document. It features the Royal Coat of Arms and the text 'Open Government Licence for public sector information'. The document is delivered by The National Archives. The main body of the text states that the Information is made available under the Open Government Licence, freely and flexibly, with only a few conditions. It lists the conditions for using the Information, including: copy, publish, distribute and transmit the Information; adapt the Information; and exploit the Information commercially. It also lists the conditions for where you do any of the above, including: acknowledge the source of the Information; ensure that you do not use the Information in a way that suggests any official status; and ensure that you do not mislead others or misrepresent the Information or its source.

Machine-readable formats

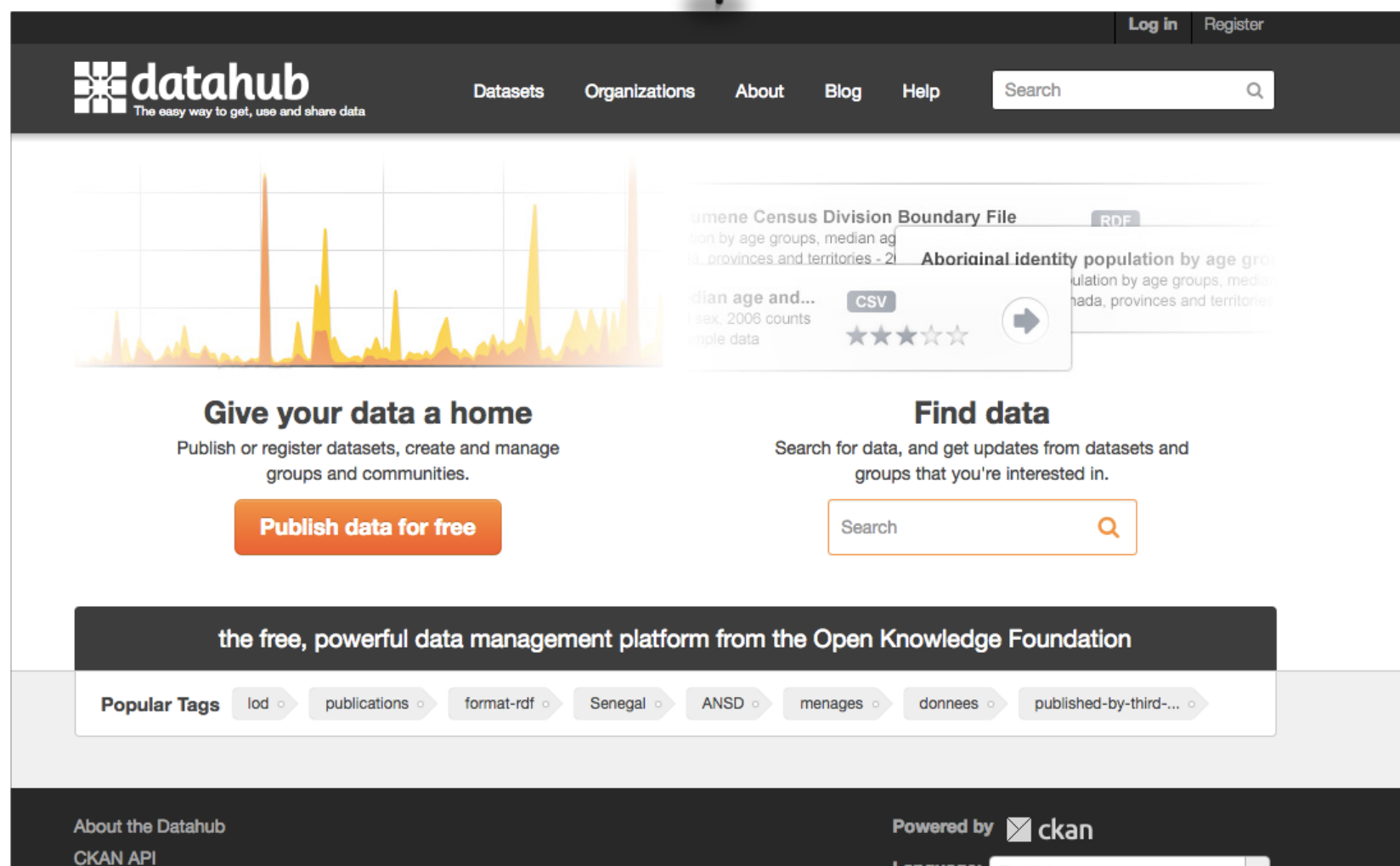




Source:
www.flickr.com/photos/notbrucelee/5512318395/

Where we can find
Open Data?

Open Data Portals



The screenshot shows the Datahub website interface. At the top, there's a dark navigation bar with the Datahub logo (a stylized 'x' icon) and the tagline "The easy way to get, use and share data". Navigation links include "Datasets", "Organizations", "About", "Blog", and "Help". On the right, there are "Log in" and "Register" links, and a search bar with a magnifying glass icon.

Below the navigation bar, there's a large area with a grid of data visualizations. On the left, there's a line chart with multiple peaks. On the right, there's a list of datasets. One dataset is highlighted: "Aboriginal identity population by age groups, median age and sex, 2006 counts, sample data". It has a "CSV" download button, a "RDF" button, and a star rating of 4.5 stars. There's also a right arrow button next to it.

Below the grid, there are two main sections:

- Give your data a home**: Publish or register datasets, create and manage groups and communities. A prominent orange button says "Publish data for free".
- Find data**: Search for data, and get updates from datasets and groups that you're interested in. A search bar with a magnifying glass icon is present.

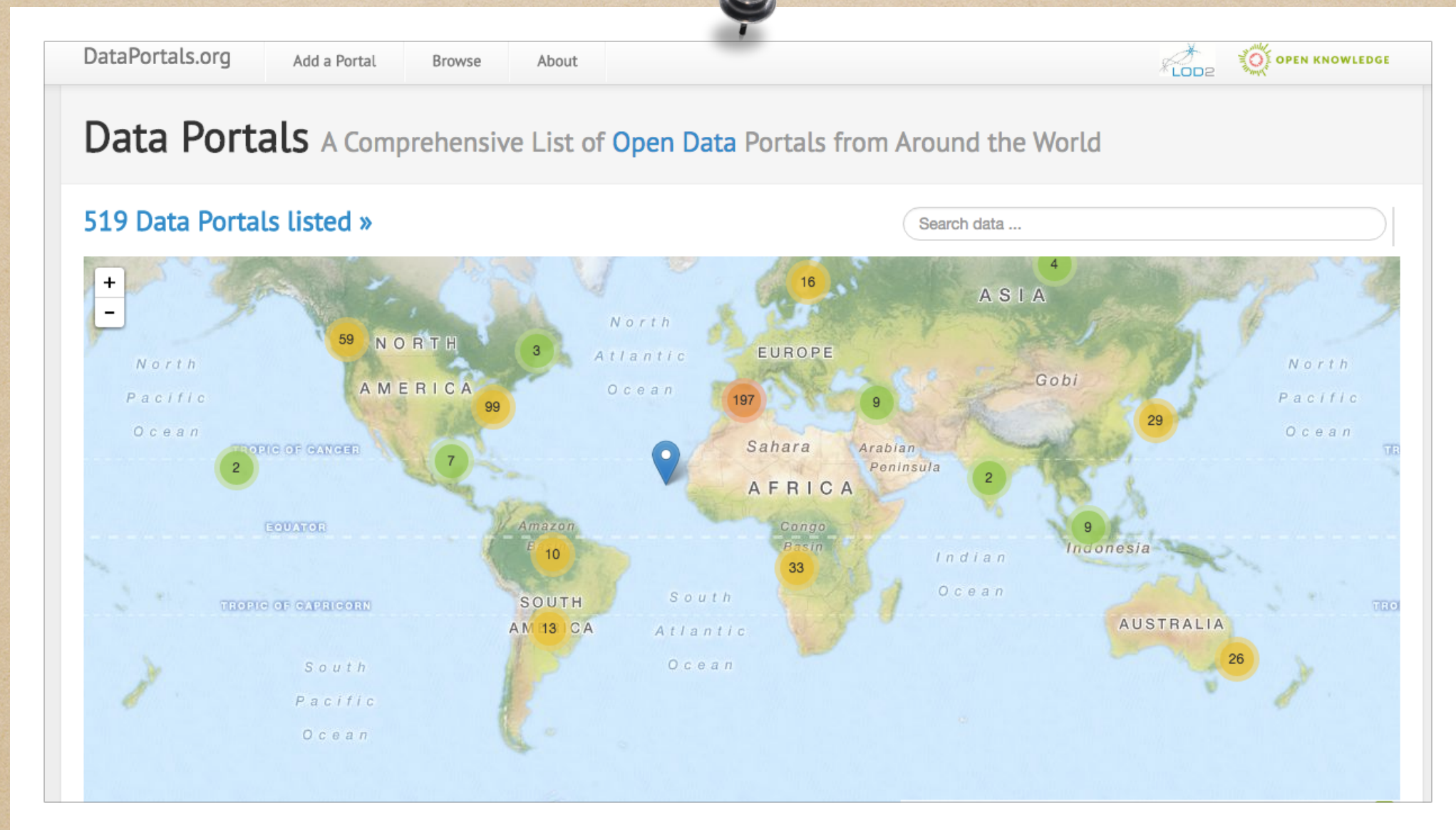
Below these sections, there's a dark banner that says "the free, powerful data management platform from the Open Knowledge Foundation".

Below the banner, there's a "Popular Tags" section with a list of tags: "lod", "publications", "format-rdf", "Senegal", "ANSD", "menages", "donnees", and "published-by-third-...".

At the bottom, there's a dark footer bar. On the left, it says "About the Datahub" and "CKAN API". On the right, it says "Powered by" followed by the CKAN logo and "Language: English".

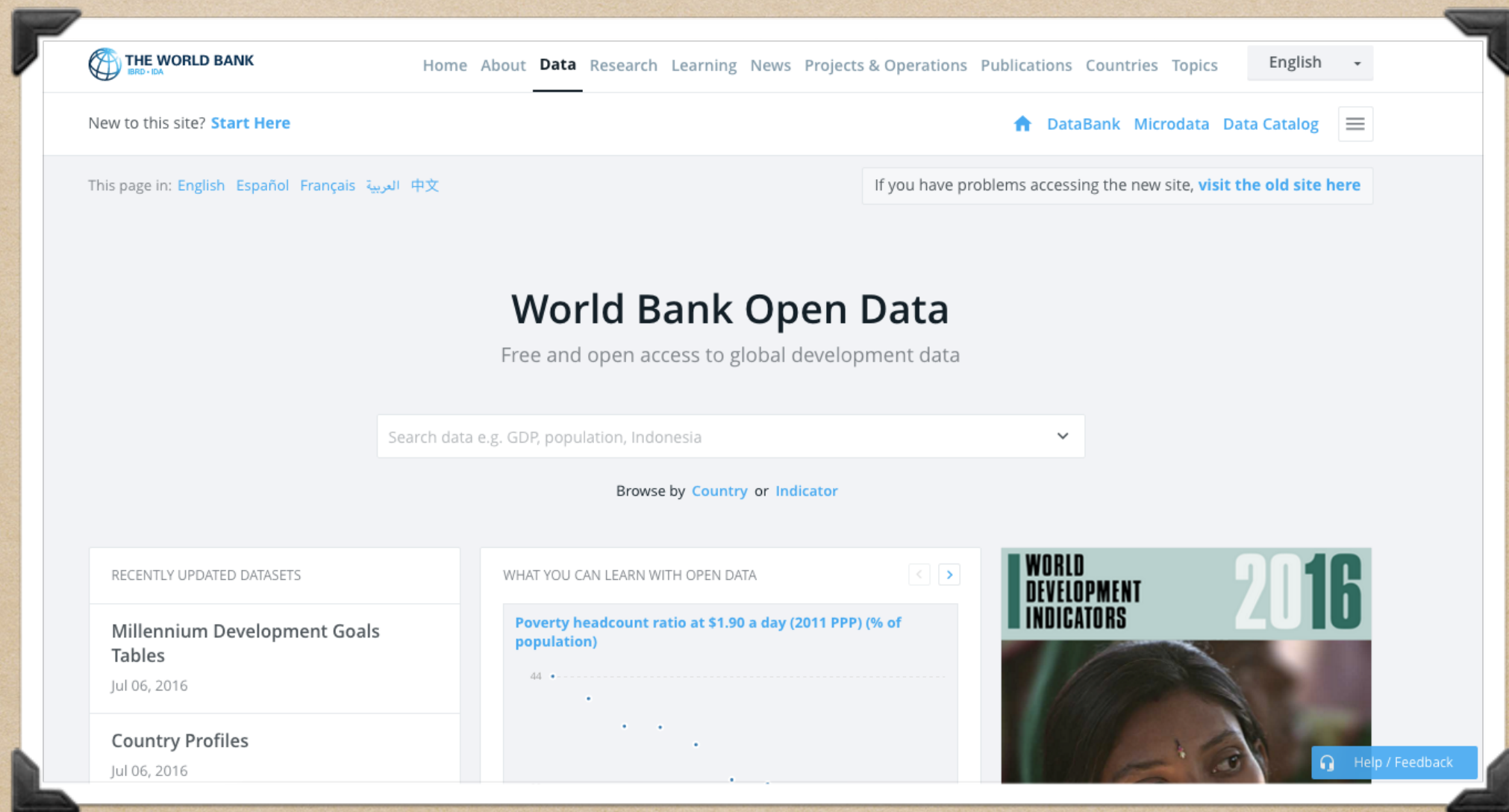
<https://datahub.io/>

Open Data Portals Catalog



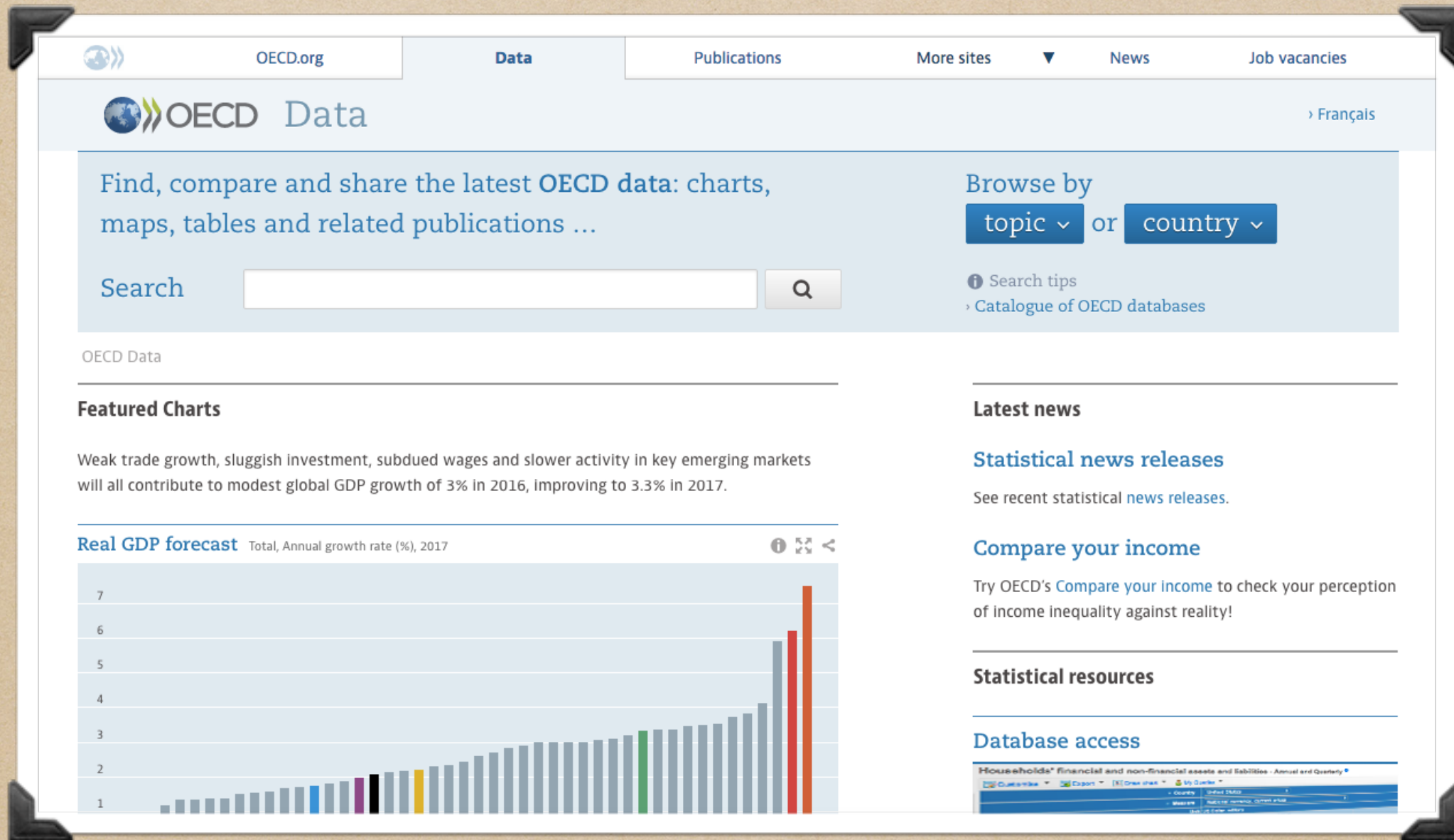
<http://dataportals.org/>

Open Data Portal of World Bank



<http://data.worldbank.org/>

Open Data Portal of OECD



The screenshot shows the OECD Data portal homepage. At the top, there is a navigation bar with links to OECD.org, Data, Publications, More sites, News, and Job vacancies. Below this is the OECD Data logo and a language selector for Français. The main content area features a search bar with the text "Find, compare and share the latest OECD data: charts, maps, tables and related publications ...". To the right of the search bar are dropdown menus for "topic" and "country", along with links for "Search tips" and "Catalogue of OECD databases". Below the search bar, there is a section titled "Featured Charts" with a sub-header "Real GDP forecast" and a description: "Weak trade growth, sluggish investment, subdued wages and slower activity in key emerging markets will all contribute to modest global GDP growth of 3% in 2016, improving to 3.3% in 2017." The chart itself is a bar chart showing the total annual growth rate (%) for 2017, with values ranging from 1 to 7. The bars are color-coded by region: blue for Europe, green for Asia, yellow for Africa, and red for the Americas. To the right of the featured chart, there is a "Latest news" section with links to "Statistical news releases" and "Compare your income". Below this is a "Statistical resources" section with a link to "Database access".

OECD.org Data Publications More sites News Job vacancies

OECD Data

Find, compare and share the latest OECD data: charts, maps, tables and related publications ...

Search

Browse by topic or country

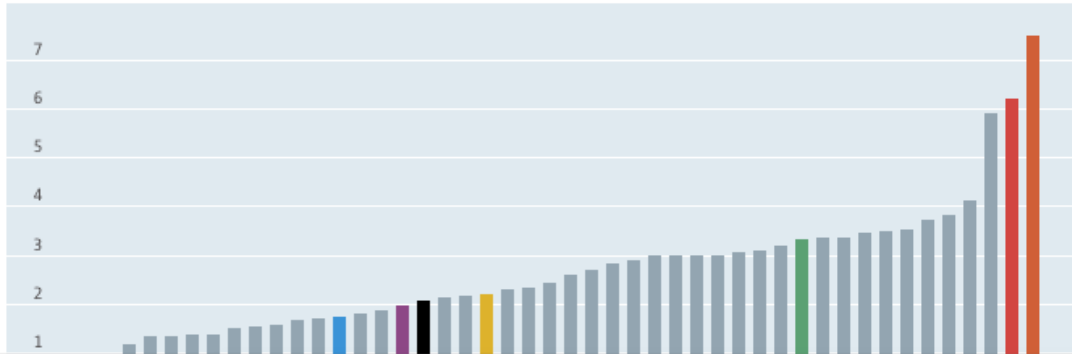
Search tips
Catalogue of OECD databases

OECD Data

Featured Charts

Weak trade growth, sluggish investment, subdued wages and slower activity in key emerging markets will all contribute to modest global GDP growth of 3% in 2016, improving to 3.3% in 2017.

Real GDP forecast Total, Annual growth rate (%), 2017



The bar chart displays the total annual growth rate (%) for 2017 across various regions. The y-axis ranges from 1 to 7. The bars are color-coded: blue for Europe, green for Asia, yellow for Africa, and red for the Americas. The growth rates are generally low, with a slight increase in the Americas (red bars) reaching around 6.5%.

Latest news

Statistical news releases

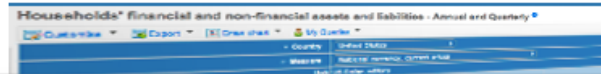
See recent statistical news releases.

Compare your income

Try OECD's Compare your income to check your perception of income inequality against reality!

Statistical resources

Database access



The screenshot shows the OECD database access interface, displaying a list of databases and their descriptions. The interface includes a search bar and a list of databases with columns for the database name, description, and access type.

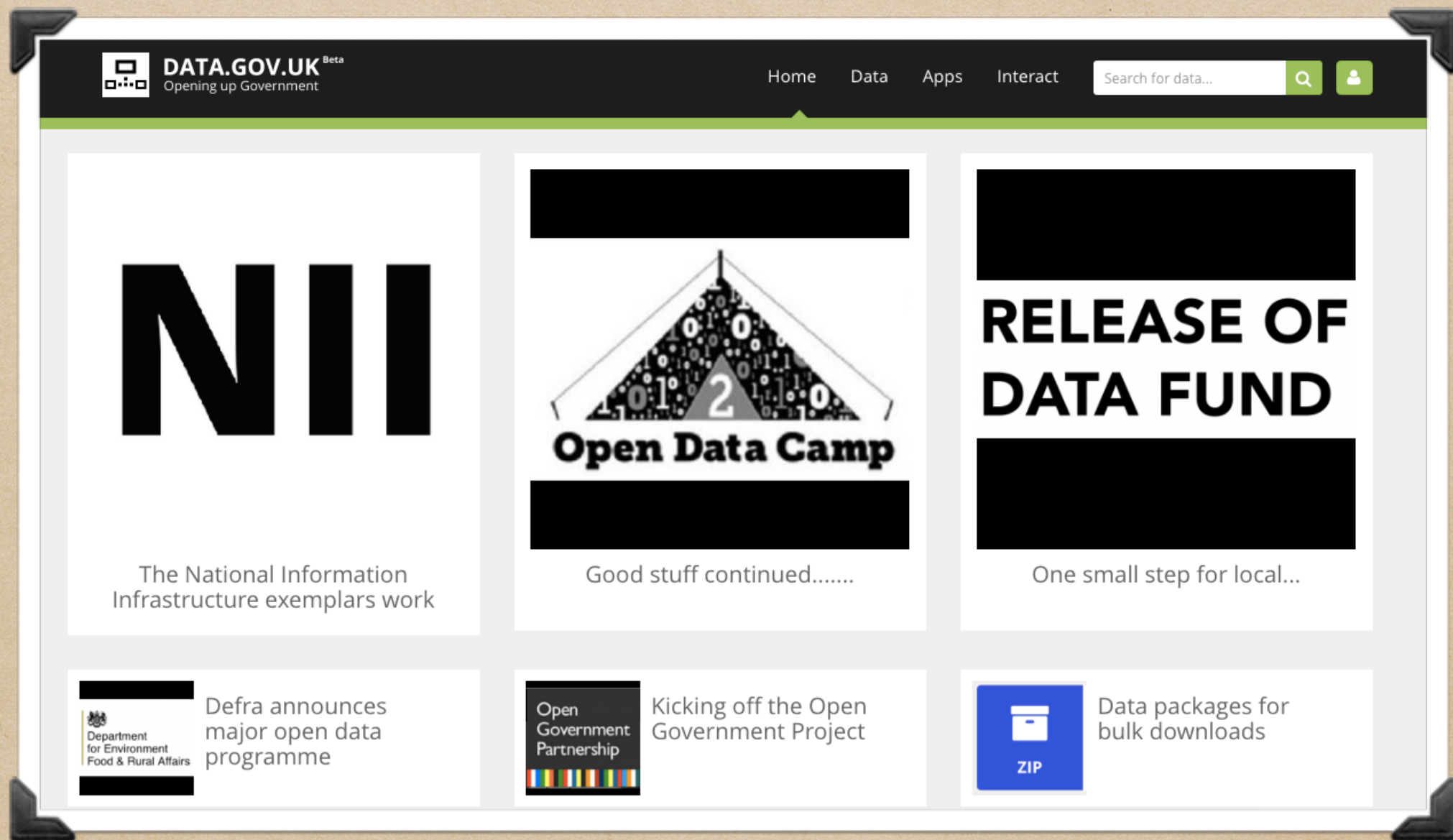
<https://data.oecd.org/>

Open Data Portal of USA



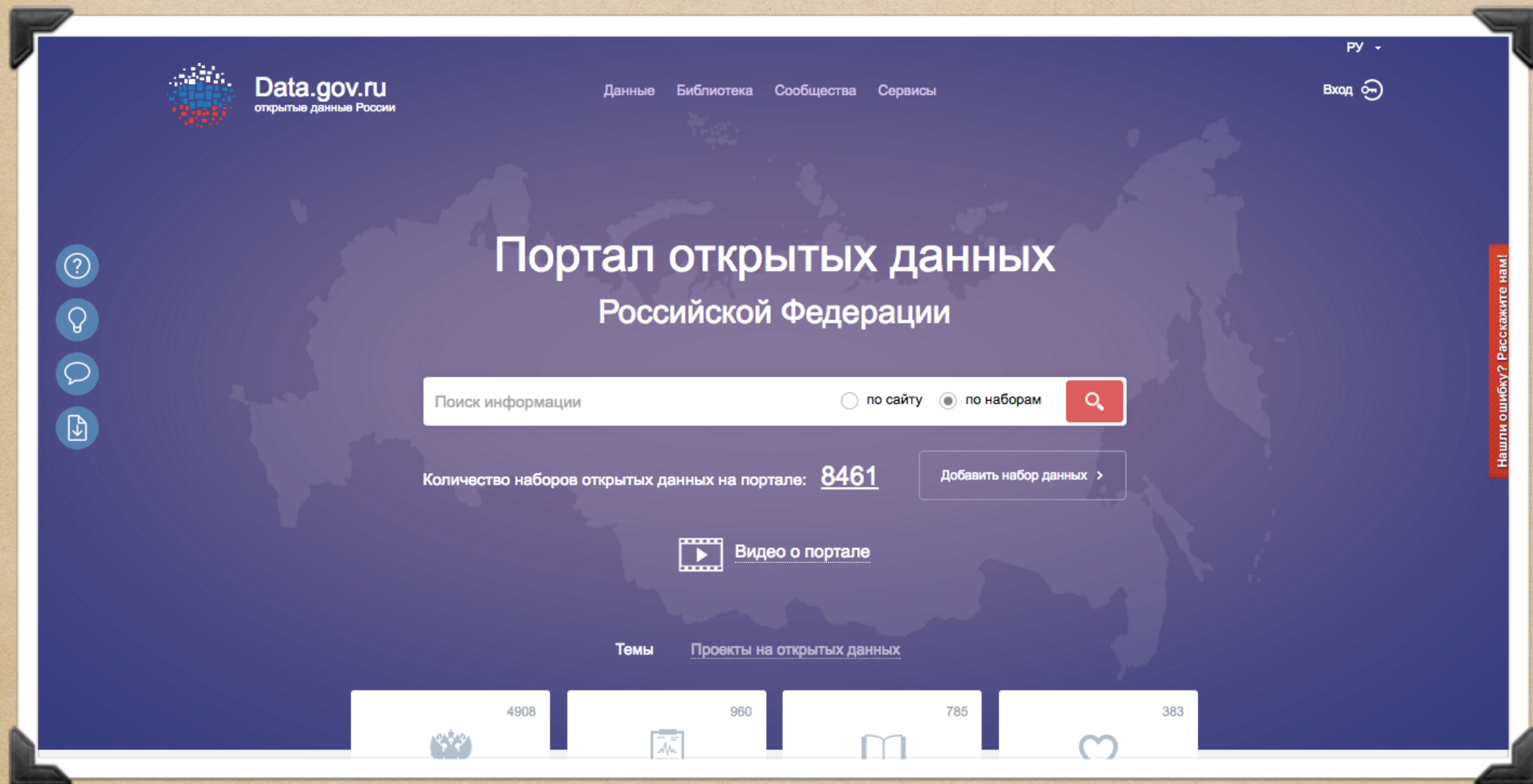
<https://www.data.gov/>

Open Data Portal of Great Britain



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

Open Data Portal of Russia



<http://data.gov.ru/>

Please leave your feedback



<http://iRadche.ru>

<http://about.me/Irina.Radchenko>

<http://DataDrivenJournalism.ru>

 [@iRadche](https://twitter.com/iRadche)

 <https://github.com/iRadche>

 <https://www.facebook.com/iRadche>

 <http://www.slideshare.net/iRadche>