



# Open data: what can it do for you?

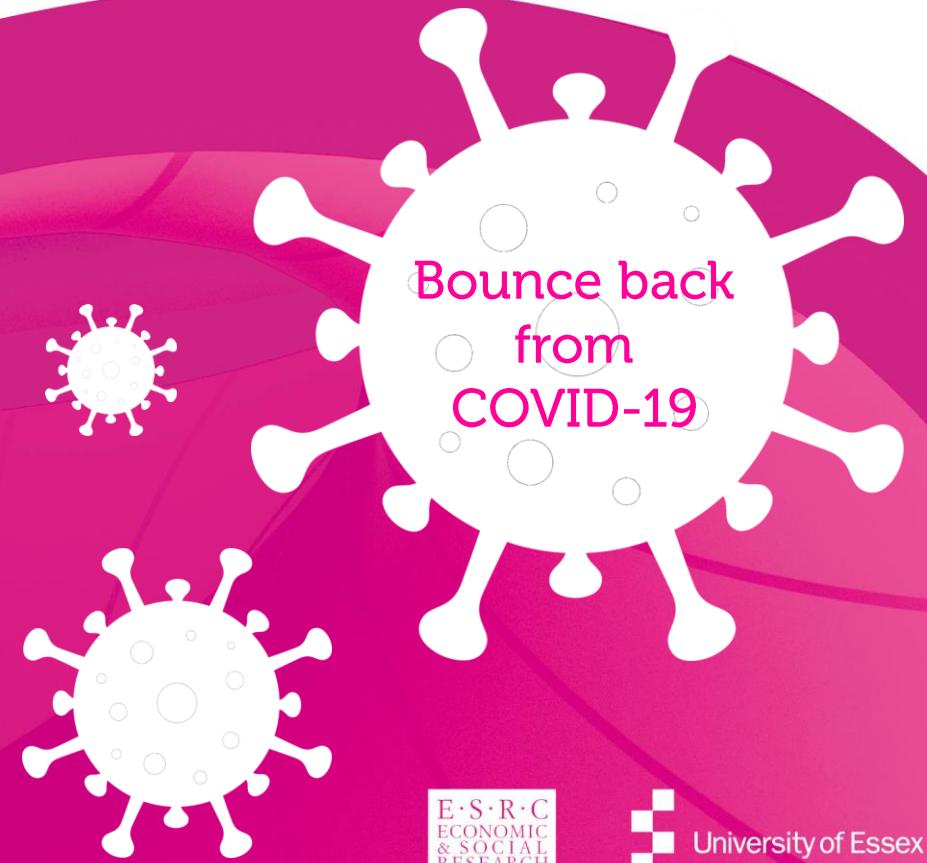
**Dr. Kakia Chatsiou**

Senior Research Officer  
achats@essex.ac.uk

 @kakiac

Material available:

<https://kakiac.github.io/talks>





Business and Local Government  
Data Research Centre

#data2life @BLGDataResearch

# Proudly supporting organisations across the UK

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ENHANCING KNOWLEDGE  
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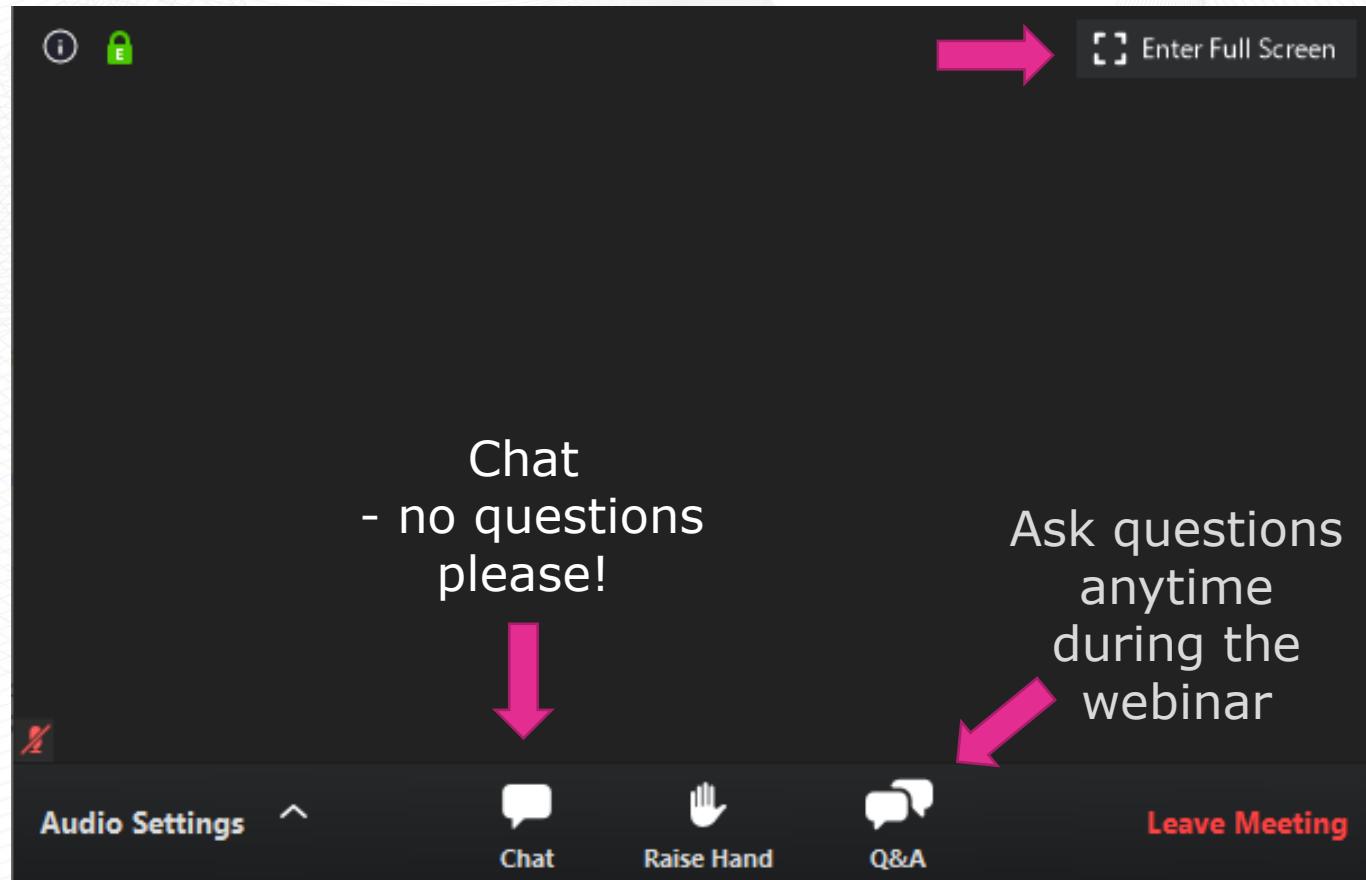
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# Webinar communication





# Dr Kakia Chatsiou

## Senior Research Officer

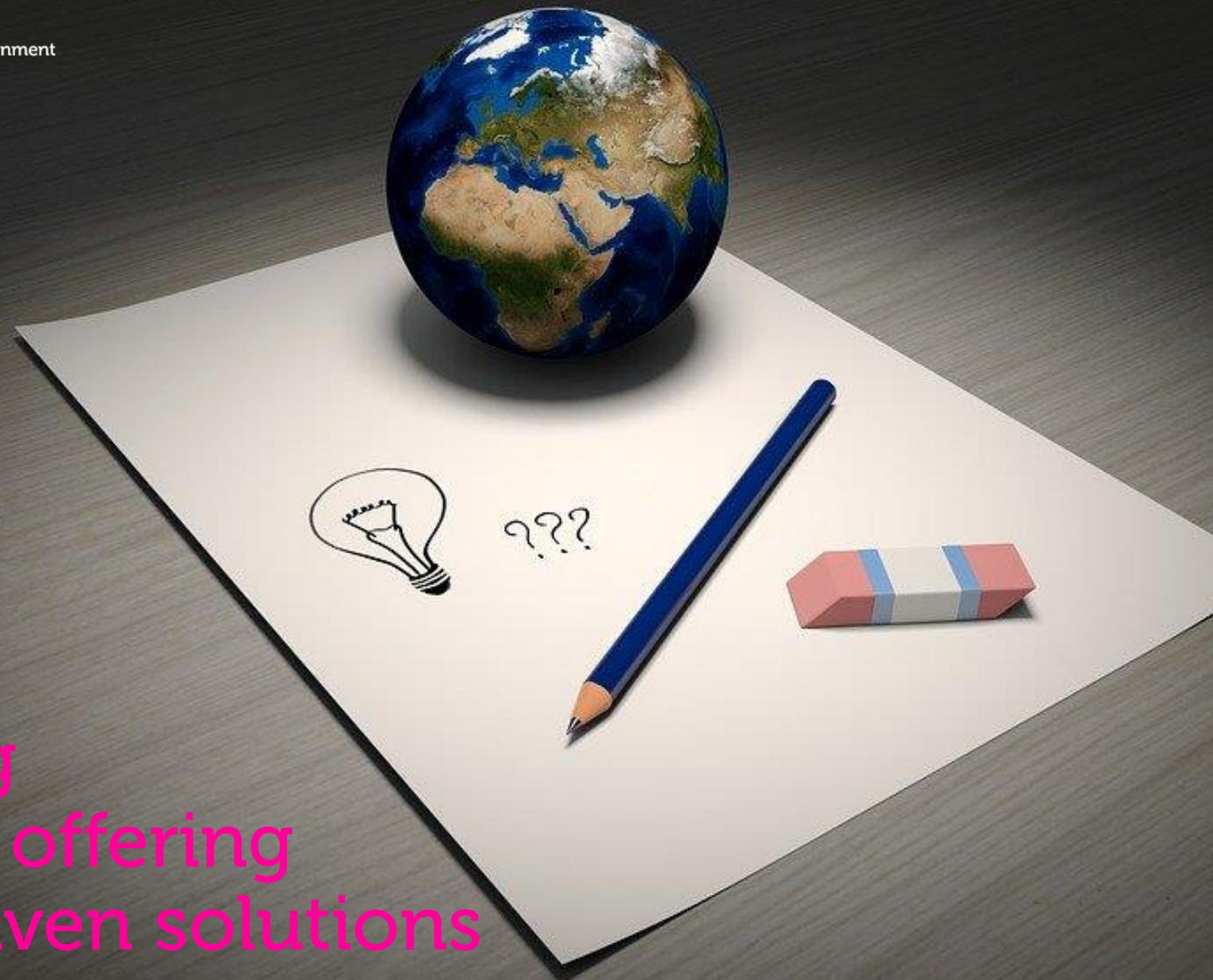
[achats@essex.ac.uk](mailto:achats@essex.ac.uk)

T: @kakiac





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# Our core mission

Combining fundamental research with applied, for impact that influences policy and informs practice.

- Methodologies and techniques for data science and artificial intelligence
- Local economic growth
- Supporting vulnerable people

Research community



Public sector



Businesses





# Already benefiting

Since 2014, we have worked with private, public sector and not-for-profit organisations. By bringing the latest insights out of the university and into society, we have been part of solving real world problems.



These collaborations influence and inform best practice all over the world.

Training



Podcasts and webinars



Workshops

Grant funded data analytics projects



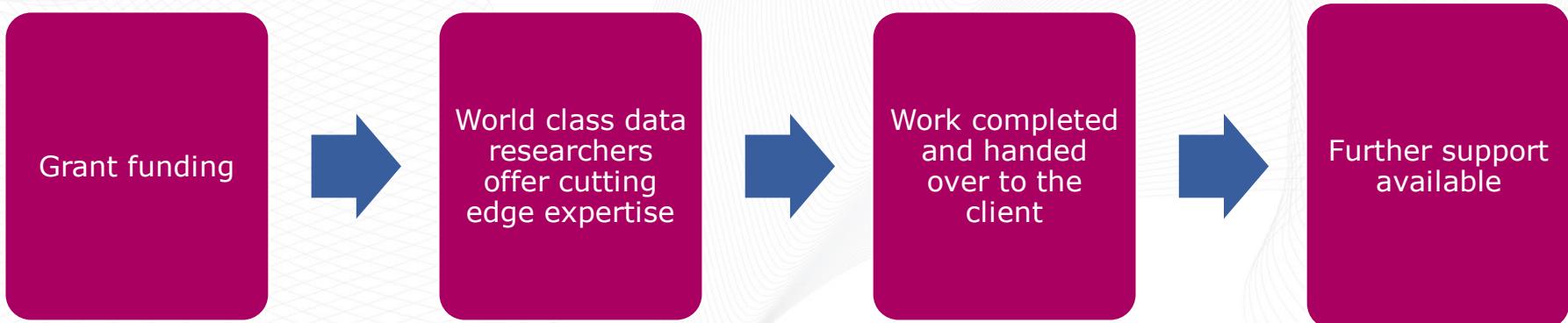
Collaborative projects



# Data Analytics Innovation Vouchers

Forward-looking organisations are beginning to realise that it is not enough to analyse their data; they must also act on it.

- We provide grant funding to renowned researchers to solve real-life challenges
- Maximising your data by collecting, organising, linking and analysing various datasets
- Creating proof of concepts, feasibility studies and sharing best practice





# Applications welcome for data analytics projects

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**Next application round closes  
31<sup>st</sup> October 2020**

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Find out more:  
[blgdataresearch@essex.ac.uk](mailto:blgdataresearch@essex.ac.uk)



# Outline



Open data: what are they and why should we be excited?



Open Data's Impact on society



Open data repositories: examples



Case studies: how open data can revitalise public services



# What is ...





# Open Data...

*Open data is **publicly** available data that can be **universally** and **readily** accessed, used and redistributed free of charge.*

- Openness of data exists on a continuum
- Main open data creators:
  - Governments
  - Scientists
  - Corporations
- derives its base from various “open movements”
  - such as open source, open hardware, open government, open science



# Open data in the voluntary sector

- a driving force in advancing open data agendas:
  - through standard setting,
  - awareness raising,
  - defining public expectations.
- Smaller charities still lack the resources to develop the technical capacities they need to take advantage of open data.

Read more: <https://www.stateofopendata.od4d.net/chapters/stakeholders/civil-society.html>



# Open data in the public sector

- shift from open data experimentation toward consolidation
  - open data = 'business as usual'.
- growing awareness of need to share and reuse data
  - need to upgrade policies, institutional structures, programmes, and practices
  - to ensure effective reuse of government data
  - secure long-term sustainability
  - ensure continuity of open data initiatives
- open data helped with digital transformation of services across countries
  - links between open data and other policy areas deemed essential

Read more: <https://www.stateofopendata.od4d.net/chapters/stakeholders/government.html>



# Open data in the commercial sector

- key roles:
  - data users, data intermediaries, data providers through data collaboratives
- Incubators and accelerators support companies to apply for and use open data
- Large and small businesses use open data:
  - for business operations
  - to create new products and services.
- Open data remains largely an untapped resource
  - more support needed for SMEs to realise full benefits for business innovation.

Read more: <https://www.stateofopendata.od4d.net/chapters/stakeholders/private-sector.html>



# Open Data's Impact

1.

Improving government,  
primarily by

- tackling corruption
- increasing transparency
- Enhancing public services and resource allocation

Example:



OPENING CANADA'S T3010  
CHARITY INFORMATION RETURN  
DATA  
Accountability of Charities through  
Open Data

Source: <http://odimpact.org/>, GOVLAB



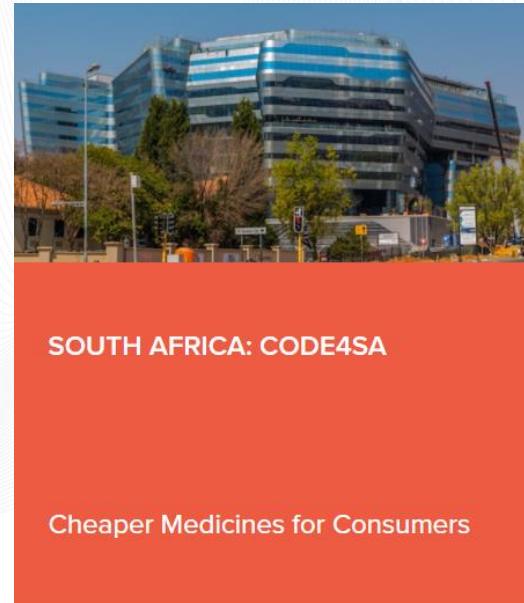
# Open Data's Impact

2.

Empowering citizens, to take control of their lives and demand change by:

- enabling more informed decision making
- enabling new forms of social mobilisation
- Facilitating new ways of communicating and accessing information

Example:



Source: <http://odimpact.org/>, GOVLAB



# Open Data's Impact

3.

Creating opportunity, for  
citizens and businesses  
by:

- Fostering innovation
- Promoting economic growth
- Creating jobs

Example:



Source: <http://odimpact.org/>, GOVLAB



# Open Data's Impact

4.

## Solving public problems, by:

- Allowing citizens and policy makers access to new forms of data-driven assessment of the problems
- Enabling data-driven engagement producing more targeted interventions and enhanced collaboration

Example:



BATTLING EBOLA IN SIERRA LEONE

Data Sharing to Improve Crisis Response

Source: <http://odimpact.org/>, GOVLAB

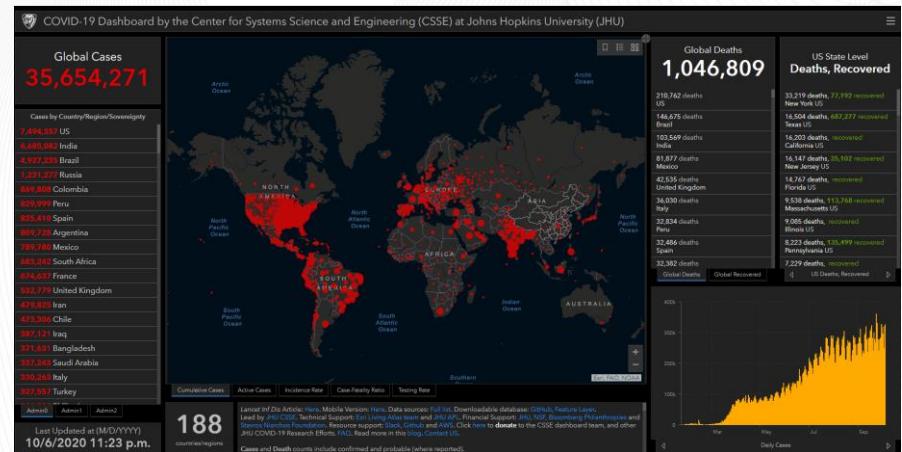


# Open Data's Impact

## 4. Solving public problems, by:

- Allowing citizens and policy makers access to new forms of data-driven assessment of the problems
- Enabling data-driven engagement producing more targeted interventions and enhanced collaboration

Example:



## COVID-19 dataset

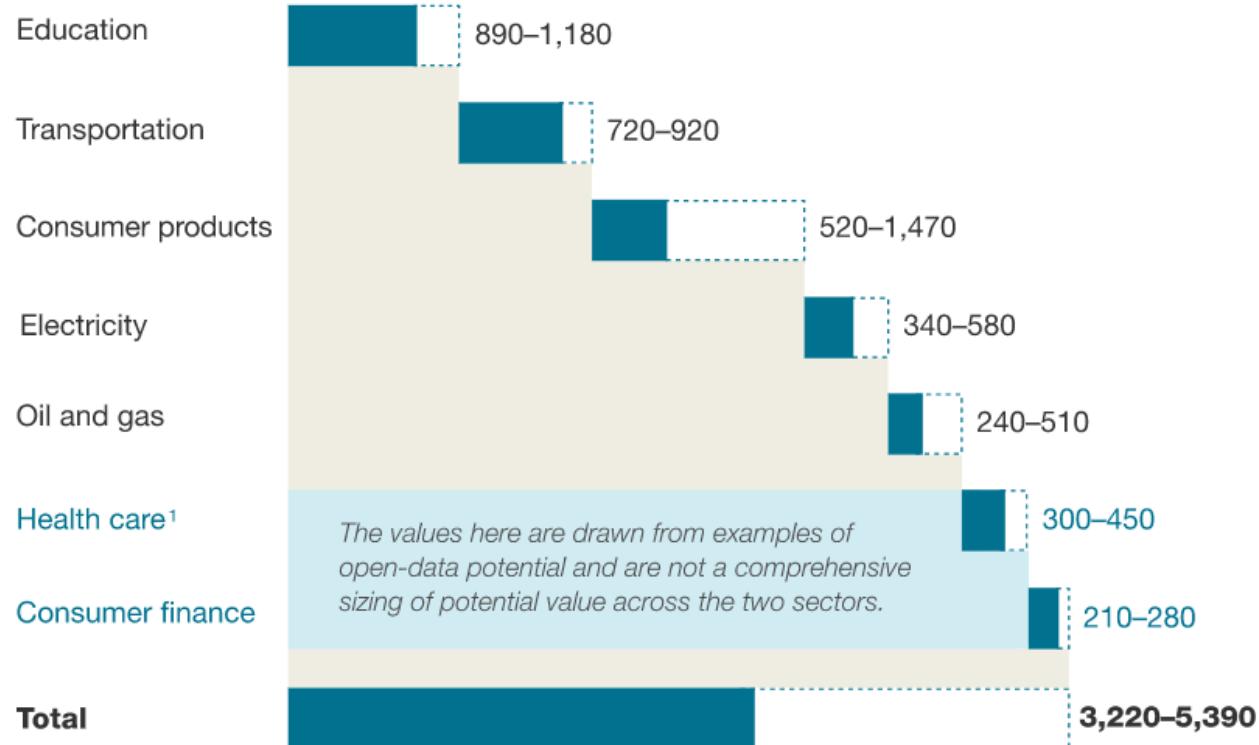
Source: Dong E, Du H, Gardner L. An interactive web-based dashboard to track COVID-19 in real time. Lancet Inf Dis. 20(5):533-534. doi: 10.1016/S1473-3099(20)30120-1



# Economic Impact of Open Data

Open data can help unlock \$3 trillion to \$5 trillion in economic value annually across seven sectors.

Potential value in open data, \$ billion



<sup>1</sup>Includes US values only.

Source: McKinsey Global Institute analysis

<https://www.mckinsey.com/business-functions/mckinsey-digital/our-insights/open-data-unlocking-innovation-and-performance-with-liquid-information#>

# Examples of Open Data Portals

**BETA** This is a new service – your [feedback](#) will help us to improve it

# Find open data

Find data published by central government, local authorities and public bodies to help you build products and services

Search data.gov.uk



## [Business and economy](#)

Small businesses, industry, imports, exports and trade

## [Crime and justice](#)

Courts, police, prison, offenders, borders and immigration

## [Defence](#)

Armed forces, health and safety, search and rescue

## [Education](#)

Students, training, qualifications and the National Curriculum

## [Health](#)

Includes all payments by government departments over £25,000

## [Government spending](#)

Includes smoking, drugs, alcohol, medicine performance and hospitals

## [Environment](#)

Weather, flooding, rivers, air quality, geology and agriculture

## [Government](#)

Staff numbers and pay, local councillors and department business plans

## [Mapping](#)

Addresses, boundaries, land ownership, aerial photographs, seabed and land terrain

## [Society](#)

Employment, benefits, household finances, poverty and population

## [Towns and cities](#)

Includes housing, urban planning, leisure, waste and energy, consumption

## [Transport](#)

Airports, roads, freight, electric vehicles, parking, buses and footpaths

# Open access to Scotland's official statistics

Explore, visualise and download over 250 datasets from a range of producers. Start browsing by [theme](#), [organisation](#), or [geography](#). Or access programmatically using our [APIs](#).

[Find places](#) [Find data](#)

search by name or description



## Getting started

### [Introduction](#)

An overview of the features of statistics.gov.scot.

### [Browse Data](#)

Explore, filter and visualise all our datasets via the [Data section](#).

### [Browse Areas](#)

Use our [Atlas](#) feature to explore areas about which we publish data.

### [About](#)

Some background about statistics.gov.scot.

## Guides

### [User guides index](#)

Search and browse our collection of user guides. A selection of popular guides are listed below.

### [Data Cart](#)

How to use the data cart to make custom collections of data, and download them for re-use.

### [Viewing Data on a Map](#)

We often get asked by users how they can view data on a map.

### [Downloading Data](#)

Our website offers a variety of ways to download data.

We use some necessary cookies to make this site work and we also set some analytics cookies. [More details](#)

Got it!

Our users often tell us that they like to be able to visualise trends in datasets over time.

These partner organisations contribute data to statistics.gov.scot



Your data cart contains 0 rows and 0 columns.

Managed by the Scottish Government, this site provides a range of official statistics about Scotland from a variety of data producers, for information and re-use. [Read more](#) about the site, or get in touch: [statistics.opendata@gov.scot](mailto:statistics.opendata@gov.scot).

See our [User Guides](#)

This site uses [cookies](#), respects your [privacy](#) and works hard to be [accessible](#) to everyone.

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statswales.gov.wales/

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Home

Login

Register

Help

As the demand increases for statistics and data to measure the impact of the COVID-19 pandemic, we have had to change our data gathering and release practices, focussing efforts on priority analysis and statistics. <https://gov.wales/statistics-and-research>

#### Catalogue

- Agriculture
- Business, economy and labour market
- Census
- Community safety and social inclusion
- Education and skills
- Environment and countryside
- Equality and diversity
- Health and social care
- Housing
- Local government
- National Survey for Wales
- Population and migration
- Sustainable development
- Taxes devolved to Wales
- Tourism
- Transport
- Well-being
- Welsh Government
- Welsh language

#### Detailed official data on Wales

StatsWales is a free-to-use service that allows you to view, manipulate, create and download tables from Welsh data.

► Take a tour



#### Latest

- Help to Buy - Wales completed leasehold purchases by date 06/10/2020
- Annual Population Survey - Ability to speak Welsh by local authority and year 06/10/2020
- Annual Population Survey - Ability to speak Welsh by age, sex and year 06/10/2020
- Annual Population Survey - Ability to read, write and understand spoken Welsh by local authority and year 06/10/2020
- Annual Population Survey - Ability to read, write and understand spoken Welsh by age, sex and year 06/10/2020

...+...

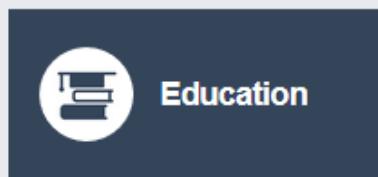
#### Most viewed

Last 7 days  Last 30 days  Last 365 days  All time

- Ethnicity by area and ethnic group
- Council tax levels by billing authority and band (£)
- Population estimates by local authority and year
- Community council precepts by community council
- Schools by local authority, region and Welsh medium type
- Employment rate by Welsh local area, year and gender
- Welsh Index of Multiple Deprivation 2019 by rank, decile and quintile, Lower-layer Super Output Area (LSOA)
- Population estimates by local health boards and age
- Gender pay difference in Wales by year (median hourly earnings full-time employees excluding overtime) (£)
- Population density (persons per square kilometre) by local authority and year



Health



Education



Finance



Environment &amp; agriculture



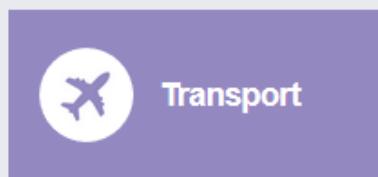
Property &amp; land



Tourism, leisure, culture &amp; arts



Population &amp; society



Transport



Economy, industry &amp; employment

## Latest

### [Belfast City Council seeking innovative solutions to COVID-19 response](#)

April 28, 2020

Belfast City Council is working with government, our universities, and the community & voluntary sectors to support a coordinated contribution by the digital innovator...

[More](#)

### [Coronavirus and open data](#)

April 16, 2020

The demand for access to data to aid public understanding of governmental responses to the coronavirus pandemic has been notable across the world. The Center for...

[More](#)

### [OpenDataNI Innovation & Outreach Fund 2020 - And the winners are.....](#)

March 4, 2020

A key strand of the Open Data Strategy for Northern Ireland 2020-2023, the OpenDataNI Innovation and Outreach Fund aims to promote NI government Open Data re-use, stimulate...

[More](#)

[www.opendatani.gov.uk/](http://www.opendatani.gov.uk/)



# Local Authorities Open data portals

Aberdeenshire COUNCIL

Search this website

my Aberdeenshire

SETS ORGANISATIONS THEMES ABOUT

Home > Help and access to information > Open data

Online Services Pay Report Request Apply

Coronavirus (COVID-19)  
View [updates on coronavirus and council services](#). If you are affected and need assistance, please visit [Grampian Coronavirus \(COVID-19\) Assistance Hub](#).

Open data  
We publish various open data feeds for the use of the public and other organisations. Find out about our [Open Data Strategy](#).  
All spatial data will be in KML format unless otherwise stated. KML is a format for the exchange of geographic information. KMZ is a compressed version of KML. KML files can be viewed directly in [Google Earth \(Windows, Mac or Linux\)](#) or loaded into [Google Maps \(web\)](#).  
Unless stated otherwise open data feeds are released under the [Open Government Licence](#).

Available feeds Files

• EDINBURGH THE CITY OF EDINBURGH COUNCIL

Search site... e.g. Traffic

Data Stories Challenges Solutions Behind the Scenes Get Involved

Search data e.g. Traffic

236 datasets 2 organisations 17 groups 9 stories

Popular tags environment economy health community parks culture education cycling transport

SETS ORGANISATIONS THEMES ABOUT



Search (e.g. "Parking" or "Schools")

MAYOR OF LONDON LONDON DATASTORE

Search 927 datasets

Updated 9 hours

JOBs AND ECONOMY TRANSPORT ENVIRONMENT COMMUNITY SAFETY HOUSING

Suffolk County Council

Home > Council and democracy > Open Data Suffolk

## Open Data Suffolk

Find free data about Suffolk and the Council available to the general public and organisations.

Open Data is information made available in accordance with the terms of the [Open Government Licence](#).

Contact Paul Emery, Suffolk County Council on **01473 264510** or by [paul.emery@suffolk.gov.uk](mailto:paul.emery@suffolk.gov.uk)

ESSEX OPEN DATA Topics Datasets Tools Research Blog Feedback FAQs

Transparency, Collaboration, Innovation

Search 153 datasets

Updated 4 days ago: Local COVID-19 Cases and Deaths by district



### Open Datasets by theme

Council and Transparency Education and Skills Communities and People Health and Wellbeing



# World Health Organisation Open data

<https://www.who.int/gho/database/en/>

The screenshot shows the WHO GHO data repository homepage. At the top, there is a navigation bar with links for 'Global' (highlighted in orange), 'Regions', 'Arabic', '中文' (Chinese), 'English' (highlighted in orange), 'Français', 'Русский' (Russian), 'Español', and a search icon. Below the navigation is the WHO logo and a blue header bar with links for 'Health Topics', 'Countries', 'Newsroom', 'Emergencies', 'Data', and 'About Us'. The main content area features a title 'Global Health Observatory (GHO) data' and a section titled 'The data repository' with a screenshot of the data interface. To the left is a sidebar with links for 'Global Health Observatory data', 'Data repository' (highlighted in orange), 'Reports', 'Country statistics', 'Map gallery', and 'Standards'. On the right, there is a 'Contact us' section with a message: 'Please send us your comment or question by e-mail.'



# World Bank Open Data

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

THE WORLD BANK | Data

This page in: English Español Français العربية 中文

New to this site? [Start Here](#)

Home DataBank Microdata Data Catalog ☰

## World Bank Open Data

Free and open access to global development data

Search data e.g. GDP, population, Indonesia

Browse by [Country](#) or [Indicator](#)

MOST RECENT

High-frequency monitoring of COVID-19 impacts: first results from Malawi ↗  
Heather Moylan, Habtamu Fuje, Aug 19, 2020

Coping with the pandemic crisis: what do national statistical offices need the most? ↗  
Calogero Carletto, Francesca Perucci, Aug 17, 2020

3 charts about gender equality every college student (and professor) should know ↗  
Andy Kotikula, Alicia Hammond, Aug 12, 2020

[View all news ↗](#) [View all blogs ↗](#)

WHAT YOU CAN LEARN WITH OPEN DATA

Extreme Poverty

The proportion of the world's population living in extreme poverty has dropped significantly

Understanding COVID-19 through data

COVID-19 Data ↗  
Apr 01, 2020

Barbados •

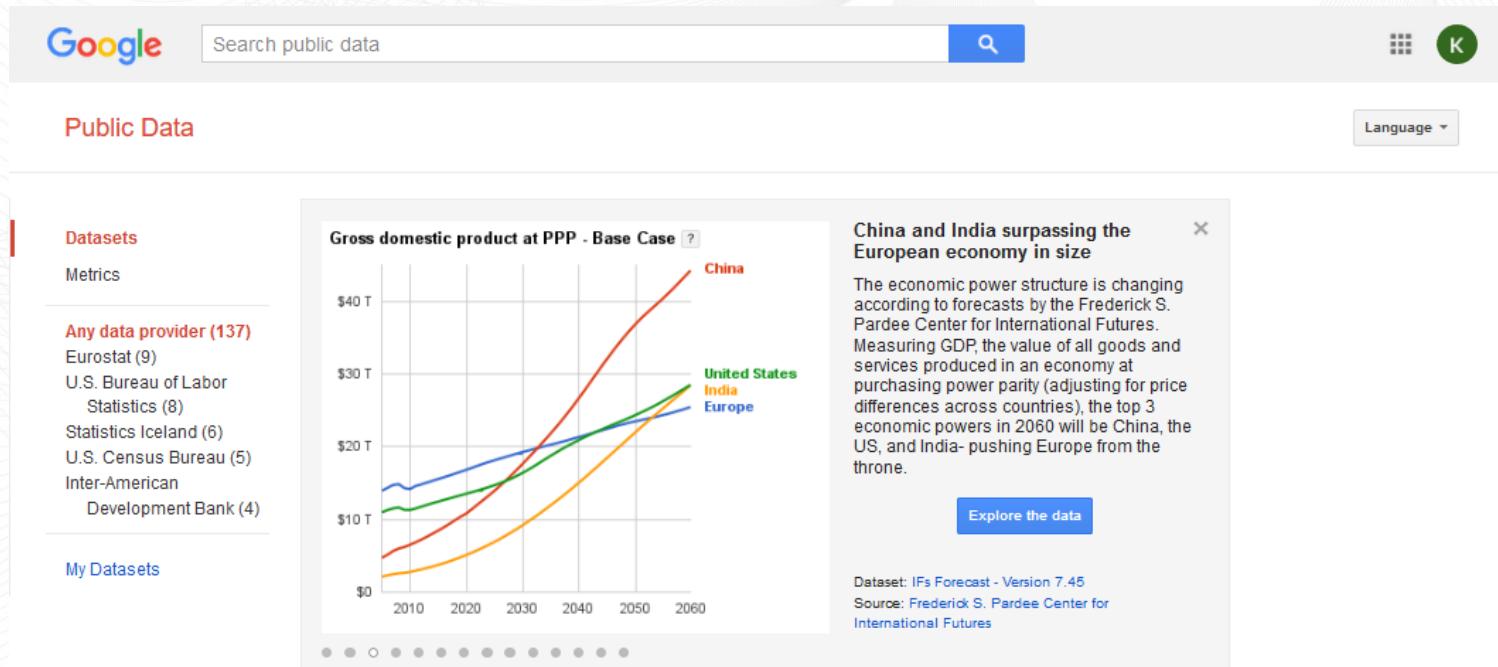
RECENTLY UPDATED DATASETS

Help / Feedback



# Google Public Data Explorer

<https://www.google.com/publicdata/directory>



Looking for other datasets? Find more with [Google Dataset Search](#).

[World Development Indicators](#)

[World Bank](#)

This dataset contains the World Development Indicators (WDI).



# EU Open Data Portal

<https://data.europa.eu/euodp/en/data/>

The screenshot shows the EU Open Data Portal homepage. At the top, there's a navigation bar with links for Sitemap, Legal notice, Contact, and a language selector set to English (en). Below the header, the EU flag is displayed next to the text "EU Open Data Portal" and "Access to European Union open data". The main content area includes a search bar with placeholder text "Search datasets...", a "Show results with:" dropdown with options for "all of these words", "any of these words", and "the exact phrase", and a note that 15643 datasets are available. To the right, there's a "Suggest a dataset" section with a button to "Make a suggestion" and an illustration of a person pointing at a stack of data. Below this, there are sections for "Most viewed datasets" (listing COVID-19 Coronavirus data and Consolidated list of persons, groups and entities subject to EU financial sanctions) and "Browse datasets by subject or groups" (with icons for Agriculture, fisheries, Economy and finance, and Education, culture and).



# U.S. Census Bureau

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

United States Census Bureau

BROWSE BY TOPIC EXPLORE DATA LIBRARY SURVEYS/ PROGRAMS INFORMATION FOR... FIND A CODE ABOUT US

Try out our new way to explore data

Search

SEARCH

GO TO DATA.CENSUS.GOV

United States Census

BROWSE BY TOPIC EXPLORE DATA LIBRARY SURVEYS/ PROGRAMS INFORMATION FOR...

data.census.gov Resources

United States Census

United States

United States of America

People and Population

United States Census

United States

ACS DEMOGRAPHIC AND HOUSING ESTIMATES

Is this page helpful? X

Yes No



# Registry of Open Data on Amazon WS (RODA)

<https://registry.opendata.aws/>

## Registry of Open Data on AWS

### About

This registry exists to help people discover and share datasets that are available via AWS resources. [Learn more about sharing data on AWS](#).

See all usage examples for datasets listed in this registry.

See datasets from [Facebook Data for Good](#), [NASA Space Act Agreement](#), [NIH STRIDES](#), [NOAA Big Data Program](#), [Space Telescope Science Institute](#), and [Amazon Sustainability Data Initiative](#).

### Search datasets (currently 195 matching datasets)

Search datasets

### Add to this registry

If you want to add a dataset or example of how to use a dataset to this registry, please follow the instructions on the [Registry of Open Data on AWS GitHub repository](#).

Unless specifically stated in the applicable dataset

### The Cancer Genome Atlas

[cancer](#) [genomic](#) [life sciences](#) [STRIDES](#) [whole genome sequencing](#)

The Cancer Genome Atlas (TCGA), a collaboration between the National Cancer Institute (NCI) and National Human Genome Research Institute (NHGRI), aims to generate comprehensive, multi-dimensional maps of the key genomic changes in major types and subtypes of cancer. TCGA has analyzed matched tumor and normal tissues from 11,000 patients, allowing for the comprehensive characterization of 33 cancer types and subtypes, including 10 rare cancers. The dataset contains open Clinical Supplement, Biospecimen Supplement, RNA-Seq Gene Expression Quantification, miRNA-Seq Isoform Expression Quantificati...

[Details →](#)

### Usage examples

- [Cell-of-Origin Patterns Dominate the Molecular Classification of 10,000 Tumors from 33 Types of Cancer](#) by Katherine A. Hoadley, Christina Yau, et al.
- [Molecular Characterization and Clinical Relevance of Metabolic Expression Subtypes in Human Cancers](#) by Xinxin Peng, Zhongyuan Chen, et al.
- [ISB Cancer Genomics Cloud](#) by Institute for Systems Biology



# Zenodo EU research oriented (CERN)

<https://zenodo.org/>

The screenshot shows the Zenodo homepage with a blue header bar. The header includes the Zenodo logo, a search bar, an upload button, and community links. Below the header, there's a section for "COVID-19 related communities". One highlighted community is "Chicago COVID-19 Response", which features a thumbnail image of a virus, a "Curated by" link, and a "New upload" button. Below this, there's a "Featured uploads related to COVID-19" section with three items listed.

Date	Type	Uploader	Description
August 12, 2020 (v1.0)	Dataset	Open Access	OpenAIRE Covid-19 publications, datasets, software and projects metadata. Bardi, Alessia; Kuchma, Iryna; Bobrov, Evgeny; Truccolo, Ivana; Monteiro, Elizabeth; Casalegno, Carlotta; Clary, Erin; Romanowski, Andrew; Pavone, Gina; Artini, Michele; Atzori, Claudio; Bäcker, Amelie; Baglioni, Miriam; Czerniak, Andreas; De Bonis, Michele; Dimitropoulos, Harry; Foufoulas, Ioannis; Horst, Marek; Iatropoulou, Katerina; Jacewicz,
August 12, 2020 (v8-10-2020)	Software	Open Access	New York Times Coronavirus (Covid-19) Data in the United States. Albert Sun; Tiff Fehr; Archie Tse; Rachel; Wilson Andrews. This is an archived fork of the New York Times Covid-19 data public repo, created August 10th, 2020. It is purely for archiving and citing purposes for academic publication. All work, credit, and...
August 13, 2020 (vv1.0)	Software	Open Access	tsleng93/SocialBubble: SocialBubble. tsleng93; Stefan Flasche. This release contains the underlying code and extended data for the paper "The effectiveness of social bubbles as part of a COVID-19 lockdown exit strategy, a modelling study" by Leng et al.



# OECD Government Data

<https://www.oecd.org/gov/digital-government/open-government-data.htm>

The screenshot shows the official website of the Organisation for Economic Co-operation and Development (OECD). The top navigation bar includes links for 'OECD.org', 'Data', 'Publications', 'More sites' (with a dropdown arrow), 'News' (with a dropdown arrow), and 'Job vacancies'. Below the navigation is the OECD logo with the tagline 'BETTER POLICIES FOR BETTER LIVES'. A green sidebar on the right contains a 'Google Custom search' bar and a magnifying glass icon. The main menu below the logo includes 'OECD Home', 'About', 'Countries', 'Topics', 'Coronavirus (COVID-19)', and 'Français'. The 'Topics' menu item is currently selected, highlighted in blue.

[OECD Home](#) > [Directorate for Public Governance](#) > [Digital government](#) > Open Government Data

## Open Government Data

- Anti-corruption and integrity in the public sector
- Budgeting and public expenditures
- Digital government**
  - Gender mainstreaming, governance and leadership
  - Illicit trade
  - Infrastructure governance
  - Innovative government
  - Open government

### What is Open Government Data?

Open Government Data (OGD) is a philosophy - and increasingly a set of policies - that promotes transparency, accountability and value creation by making government data available to all. Public bodies produce and commission huge quantities of data and information. By making their datasets available, public institutions become more transparent and accountable to citizens. By encouraging the use, reuse and free distribution of datasets, governments promote business creation and innovative, citizen-centric services.

### OECD Open Government Data project

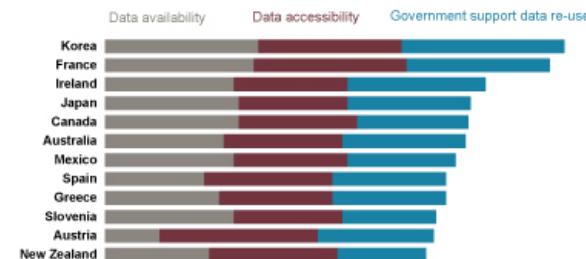
OGD can pose some tricky questions for

### OECD OURdata Index on Open Government Data

The OECD OURdata Index assesses governments' efforts to implement open data in the three critical areas - Openness, Usefulness and Reusability of government data.

#### OURdata Index: Open-Useful-Reusable Government Data 2019

Composite index: 0 lowest to 1 highest





# Data.gov (US)



DATA TOPICS ▾ RESOURCES STRATEGY 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](#).

For information regarding the Coronavirus/COVID-19, please visit [Coronavirus.gov](#).

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

### GET STARTED

SEARCH OVER 208,977 DATASETS

Manufacturing & Trade Inventories & Sales



### HIGHLIGHTS

## Improving Access to Older Adult Health Data for Timely Use Amid COVID-19 and Beyond

Today marks the launch of the [Older Adults Health Data Collection](#) – a new resource cataloging over 200 Federal datasets previously available on Data.gov related to the health of older Americans. This centralized location will assist experts from academia, industry, government, civil society, and the public in accessing datasets from various Federal agencies and across a range of health-related issues (e.g. health status, health risks and behaviors, and health care) to advance our collective knowledge and understanding of the health of older adults.

Analyzing data on the older adult population in the time periods before, during, and after the pandemic is an important step to gaining a better understanding of both the health of this age group as well the immediate and long-term impacts of the pandemic. The [Older Adults Health Data Collection](#) contains datasets that capture outcomes directly related to COVID-19 as well as others that do not, and the number of COVID-19 related datasets in the collection is anticipated to grow over time. Datasets without COVID-19-specific data elements still provide important context on the health of older adults before the pandemic and are likely to incorporate COVID-19 data



# FiveThirtyEight

<https://data.fivethirtyeight.com/>

## FiveThirtyEight



Politics   Sports   Science & Health   Economics   Culture

## Our Data

We're sharing the data and code behind some of our articles and graphics.

We hope you'll use it to check our work and to create stories and visualizations of your own.

• UPDATING

### DATA SET

### RELATED CONTENT

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**How Popular Is Donald Trump?**

31 minutes ago •

info



# Case studies: how open data can revitalise public services



# Open data being used to create or improve public services

Essex Centre for Data Analytics: tackling issues earlier through smarter use of data





# Using open geospatial data to make a difference

Falkirk Council collaborated with thinkWhere to develop a simple mapping platform to support the Fairer Falkirk strategy. The open source platform presents data from OpenStreetMap on a map that will help local community groups and citizens to find and access local services.

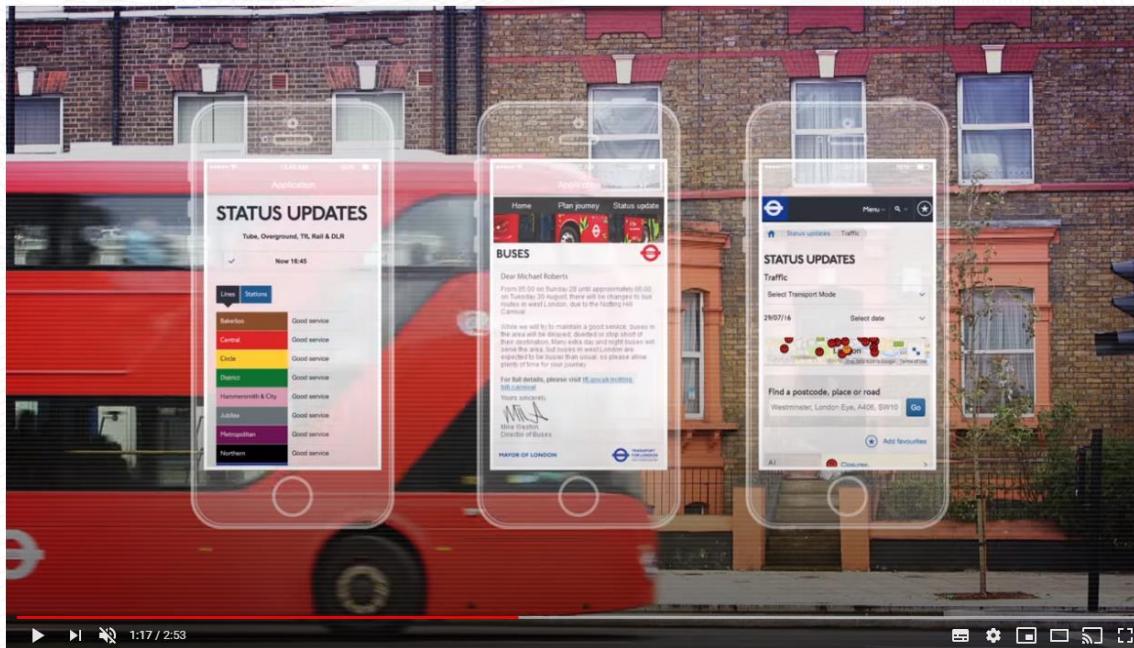


Read more: <https://theodi.org/project/local-governments-using-open-geospatial-data-to-make-a-difference/#1561369304813-98242c28-4c69>



# Open data for increasing access to public services

## Transport for London: open transport data for citizens and innovators



Read more:

<https://theodi.org/projects-services/projects/public-service-delivery-case-studies#1543999447528-f2e9482cf7d8>



# Additional Material & Resources

- Selected Readings on Open Data Legislation and Policy:
  - <https://medium.com/open-data-policy-lab/selected-readings-on-open-data-legislation-and-policy-95b2c7146fbb>
- Open Data Policy Lab
  - <https://opendatapollicylab.org/>
- The GOVLAB: Open Data's Impact. Explore the impact of open data around the world
  - <http://odimpact.org/>
- GOBLAV resources: building new technology to solve public problems
  - <http://www.thegovlab.org/projects.html>
- The OD500 Global Network: a study of companies that use open government data to generate new business and develop new products and services.
  - <http://www.opendata500.com/>



# Additional Material & Resources

- Local government using open geospatial data to make a difference:
  - <https://theodi.org/project/local-governments-using-open-geospatial-data-to-make-a-difference/>
- ODI "Data and Public Services Toolkit"
  - <https://theodi.org/project/using-data-public-sector/>
  - <https://theodi.org/service/tools-resources/data-and-public-services-toolkit/>
- Local Authorities in UK: More case studies & examples
  - <https://theodi.org/projects-services/projects/public-service-delivery-case-studies>
- ODI Data and Public Services Business Case Canvas
  - <https://theodi.org/article/data-and-public-services-business-case-canvas/>
- Alan Turing London air Quality project (using Machine Learning and Open data)
  - <https://www.turing.ac.uk/research/research-projects/london-air-quality>
- Open Data Charter consortium
  - <https://opendatacharter.net/>



# Additional Material & Resources

- Open data: Unlocking innovation and performance with liquid information:
  - <https://www.mckinsey.com/business-functions/mckinsey-digital/our-insights/open-data-unlocking-innovation-and-performance-with-liquid-information#>
- State of open data 2019 report
  - <https://www.digital-science.com/blog/news/the-state-of-open-data-2019/>
  - [https://figshare.com/articles/The\\_State\\_of\\_Open\\_Data\\_Report\\_2019/9980783](https://figshare.com/articles/The_State_of_Open_Data_Report_2019/9980783)
  - <https://www.stateofopendata.od4d.net/>
- Open Data EU policy brief
  - <https://ec.europa.eu/digital-single-market/en/open-data>
- OECD Open, Useful and Re-usable data (OURdata) Index: 2019
  - <http://www.oecd.org/gov/digital-government/ourdata-index-policy-paper-2020.pdf>

Material available:

<https://kakiac.github.io/talks>

## Q & A session



Tell us what you thought of this webinar:

<http://bit.ly/BLGOpenDataSurvey>



# UPCOMING WEBINARS

## Exploring data, enhancing knowledge, empowering society

### The visualisation of data

18<sup>th</sup> November 2020 10:30 AM

### Social Return on Investment (SROI): Measuring your value

13<sup>th</sup> January 2021 10:30 AM

### Plus coming soon...

- Asking the right questions to get the right answers (best practice in evaluation forms and impact assessment)
- Evidencing need
- Exploring your text data

Register online: [www.BLGdataresearch.org](http://www.BLGdataresearch.org)



# Thank you

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