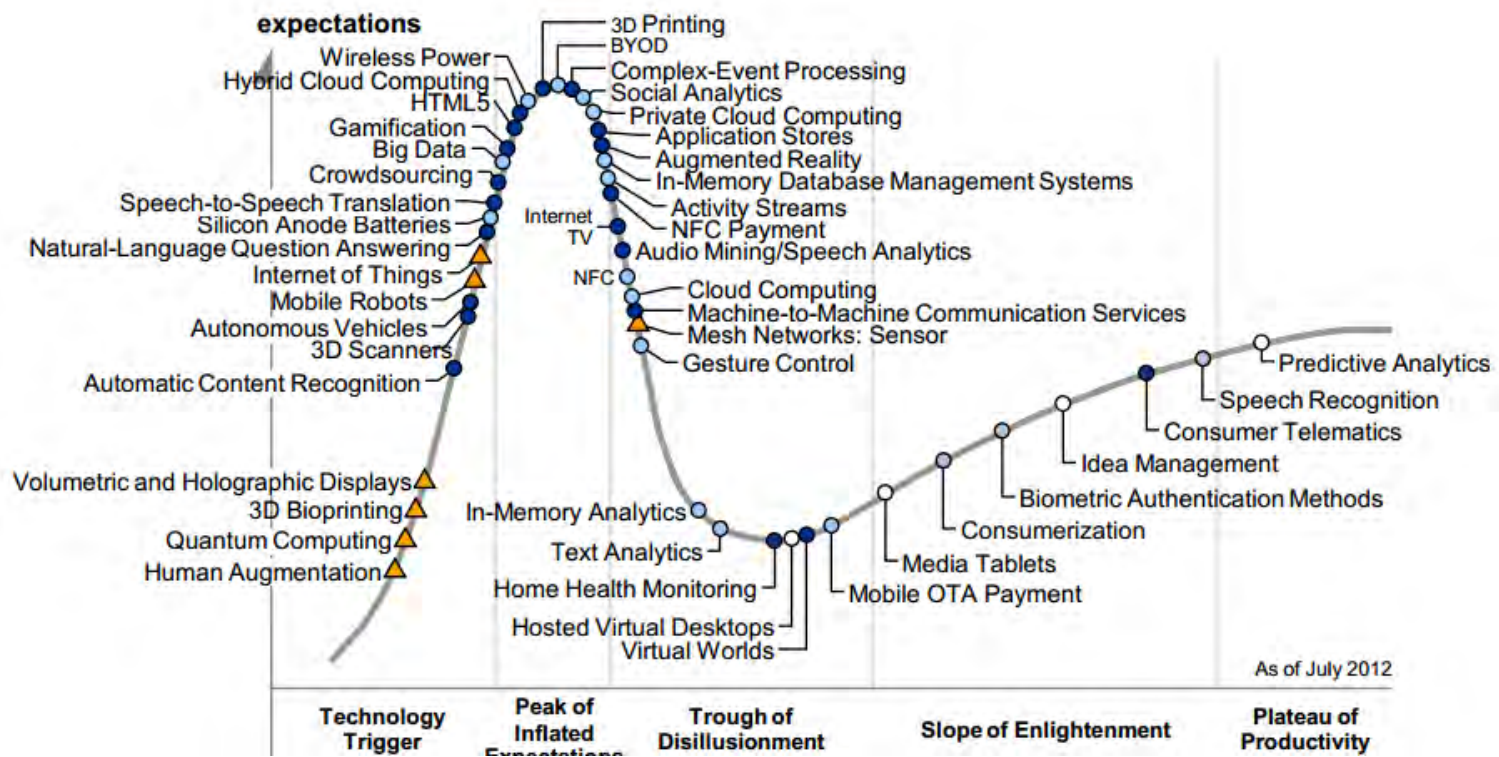


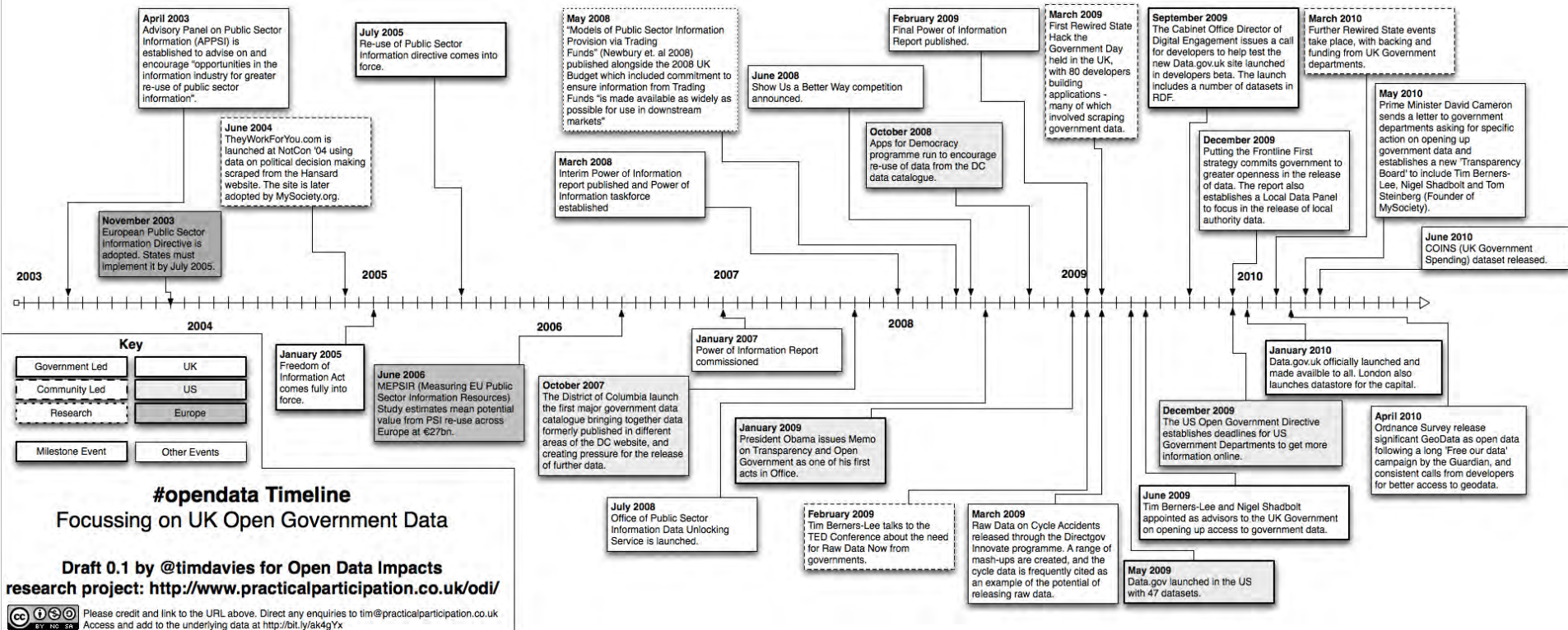
# Open Data now

Andrew Mackenzie

# Gartner hype cycle



# Open Data timeline



# Open Data White Paper

## Unleashing the Potential

**#opendata**

*@uktransparency*

*@cabinetofficeuk*





# Data

- By Country
- By Topic
- Indicators
- Data Catalog
- Microdata
- Blog
- News
- About
- Support
- Products

This page in [English](#) | [Español](#) | [Français](#) | [العربية](#) | [中文](#)

**World Bank Open Data:** free and open access to data about development in countries around the globe.



**ICP 2011: 7 million prices, 199 economies, 8 regions, and 15 partners**

Haishan Fu | Posted on 30 Apr 2014

**Updates to WDI 2014: Purchasing Power Parities and Maternal Mortality Ratios**

Posted on 2 May 2014

**WITS trade data site: Five new features**

Siddhesh Kaushik | Posted on 22 Apr 2014

[View all news](#) | [View all blogs](#) »

## Find an indicator

GNI per capita, Atlas method (current US\$)

### BROWSE DATA



By Country



By Topic



Indicators



Use our Data

### FEATURED

[World Development Indicators](#)

[Open Finances](#)

[Projects & Operations](#)

[Open Government Data Toolkit](#)

### RECENTLY UPDATED

[Gender Statistics](#)  
16 Apr, 2014

[World Development Indicators](#)  
09 Apr, 2014

[View data catalog »](#)

[For developers](#)

[Terms of use](#)

[Email updates](#)

## The World at a Glance

### Economy & Growth

GDP (current US\$)

**\$72.49 trillion** 2012



### Health

Life expectancy at birth, total (years)

**71** 2012



# Open Government Licence

for public sector information

delivered by  
**A** The National Archives

[Back to The National Archives](#)

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# Open data is/is not

- Open data is always \*non-personal\* data
- Open data is not always big data.
- Big data is not always open data.
- There is a lot of overlap, but the terms are not interchangeable.
- Open data can be small data and be valuable. Big data is often closed.

# Storytime

- The policy we have represents a particular narrative:
- release public datasets, start up tech businesses do some magic with the data, result = economic growth.
- The benefit of releasing data is narrowly defined as data for business use.



# Internet Elves



# The elves and the shoemaker

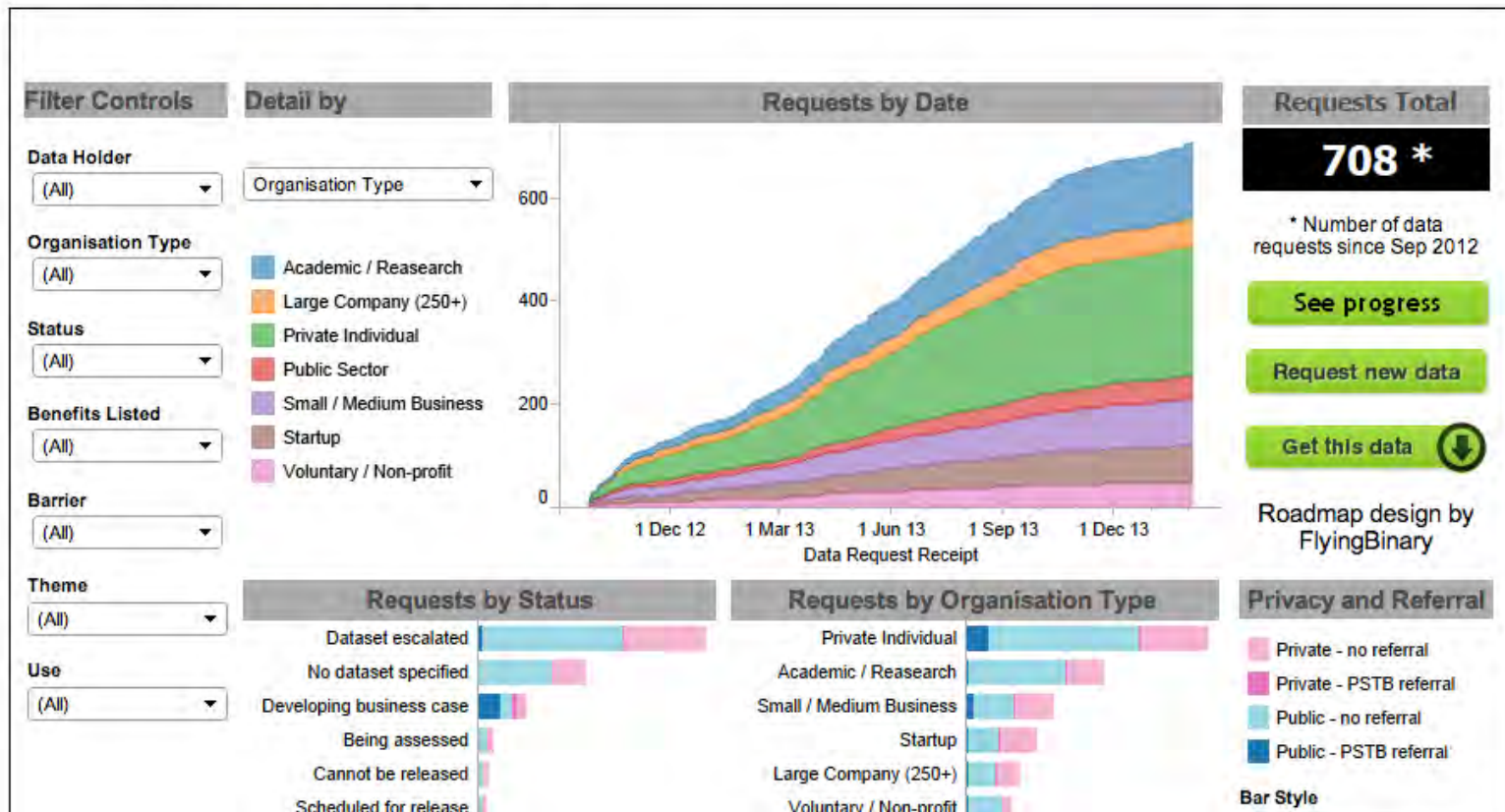
- A poor shoemaker and his wife need money to pay the rent. He has leather to make one more pair of shoes. He cuts out the pieces of leather, before going to bed, so that he can sew them into a pair of shoes on the morrow. Elves come in the night and make the pair of shoes which he sells for more than his asking price the next day. He uses that money to pay the rent, buy food and more shoe leather.
- Current open data policy is to leave some data on the table in the hope that the elves will come in the night and fix the economy.

# Gift economy

- Random Hacks of Kindness
- NHS Hackday
- Taarifa
- Datakind

# Make a business case

For more detail about how to use this roadmap click [here](#). The content and management of this dashboard is managed by the [Open Data User Group \(ODUG\)](#). Any queries regarding its content, metrics and general availability should be directed to [ODUG](#) or via [@odugUK](#) on Twitter.



# Better journeys



London • New York • Paris • Berlin  
**Citymapper**

The ultimate transport app.

Our mission: Make cities easier to use. We're reinventing the transport app for the world's most complicated cities - London, New York, Paris and Berlin.



Editors' Choice

iPhone



Works for London, New York, Paris & Berlin

Android



Works for London, New York, Paris & Berlin

f Like 3.9k

t Tweet 692

+1 184



# Trading Funds

The Public Data Group (PDG) brings together 4 organisations that excel in the collection, management and distribution of vital data sets, under one banner.

## Contents

- Membership
- Terms of reference
- Examples of activity
- Background

As well as fulfilling their own core public service roles, members of the PDG drive growth in the economy and enable the improvement of services across the public sector by:

- making high quality and reliable data available for national and international businesses and the public sector
- supporting the development of UK SMEs and other developers through effectively communicating the availability and accessibility of data and providing support and advice in how to use it
- driving efficiencies and digitisation and supporting the public sector to deliver more efficient public services
- providing high profile and nationally important data sets as Open Data

## Membership

The members are:

- [Companies House](#)
- [Land Registry](#)
- [Met Office](#)
- [Ordnance Survey](#)

# Data.gov.uk

The screenshot displays the Data.gov.uk website interface. At the top, a green navigation bar contains links for Datasets, Map Search, Data Requests, Publishers, Public Roles & Salaries, OpenSpending, Spend Reports, and Site Analytics. Below this, the main content area is divided into a left sidebar and a main results pane. The sidebar includes a search bar with the text 'Search for data...', a link to 'or conduct map based search', and filter sections for 'SHOW ONLY...' (Published datasets: 14155, Unpublished datasets: 4118), 'NII DATASETS' (Hide NII datasets: 18040, Show NII datasets: 233), 'LICENCE' (Open Government Licence: 10841, Unpublished dataset: 4118, Non-Open Government Licence: 3314), and 'THEME'. The main results pane shows '18273 Results' and a 'Sort by: Popularity' dropdown menu. Three dataset results are visible: 'English Indices of Deprivation 2010' (Department for Communities and Local Government), 'Statistics on Obesity, Physical Activity and Diet, England' (NHS Information Centre for Health and Social Care), and 'Live traffic information from the Highways Agency' (Highways Agency). Each result includes a brief description and a 'View' button. On the right side of the results, there are vertical category indicators for 'Society', 'Health', and 'Transport'.

**Datasets** | Map Search | Data Requests | Publishers | Public Roles & Salaries | OpenSpending | Spend Reports | Site Analytics

Home / Datasets

Search for data...

[or conduct map based search](#)

**SHOW ONLY...**

- Published datasets (14155)
- Unpublished datasets (4118)

**NII DATASETS**

- Hide NII datasets (18040)
- Show NII datasets (233)

**LICENCE**

- Open Government Licence (10841)
- Unpublished dataset (4118)
- Non-Open Government Licence (3314)

**THEME**

## 18273 Results

Sort by: Popularity

### English Indices of Deprivation 2010

Department for Communities and Local Government

The English Indices of Deprivation 2010 provide a relative measure of deprivation at small area level across England. Areas are ranked from least deprived to most deprived on seven...

**Society**

### Statistics on Obesity, Physical Activity and Diet, England

NHS Information Centre for Health and Social Care

Presents a range of information on obesity, physical activity and diet, drawn together from a variety of sources. Source agency: Health and Social Care Information Centre Designation:...

**Health**

### Live traffic information from the Highways Agency

Highways Agency

Live traffic information data showing traffic information on the strategic road network in England, maintained by the Highways Agency. Update: 12th August 2013 Following a change of...

**Transport**

# It's not like the story

- The economic growth story is not happening at scale.
- The companies we hear about are small.
- There has not been a big story about company growth using open data.
- So has open data failed to deliver on its promise, or has open data been set up with the wrong expectations?

# Impact assessment

## Project List

[Open Data Barometer](#)

The Web Foundation & The Open Data Institute

[Exploring the open data Initiative of the Ministry of Finance on National Budget Transparency in Indonesia](#)  
Sinergantara

[Taking Stock of the Effectiveness and Efficiency of Open Data Initiatives in Sierra Leone.](#)

Society for Democratic Initiatives, Sierra Leone

[Open Government in the Philippines: exploring the role of open government data and the use of new technologies in the delivery of public services](#)  
De La Salle University, Philippines

[How open data could contribute to poverty eradication in Kenya and Uganda through its impacts on resource allocation](#)

## Open Data Barometer: 2013 Global Report

The Open Data Barometer takes a multidimensional look at the spread of Open Government Data (OGD) policy and practice across the world. Combining peer-reviewed expert survey data and secondary data sources, the Barometer explores countries readiness to secure benefits from open data, the publication of key datasets, and evidence of emerging impacts from OGD.

The Barometer is a joint project of the Open Data Institute and World Wide Web Foundation, and forms part of the ongoing work to develop common assessment methods for open data within the Exploring the Emerging Impact of Open Data in Developing Countries project.

[Read more](#)

\* Please note that the report was amended at 16:30GMT on 31st October to correct a publication error in Italy's scoring.

## Get the data: Open Data Barometer 2013

The Open Data Barometer is a piece of open research. All the data gathered to create the Barometer is published

## Open Data Barometer

2013 Global Report



Download the [Open Data Barometer 2013 Global Report \(PDF\)\\*](#).

# The market for public information

- new companies can enter the market as information providers
- innovators can aggregate data from many sources
- there are no transaction costs to sharing open information
- everyone has access to better data.
- where is the market?



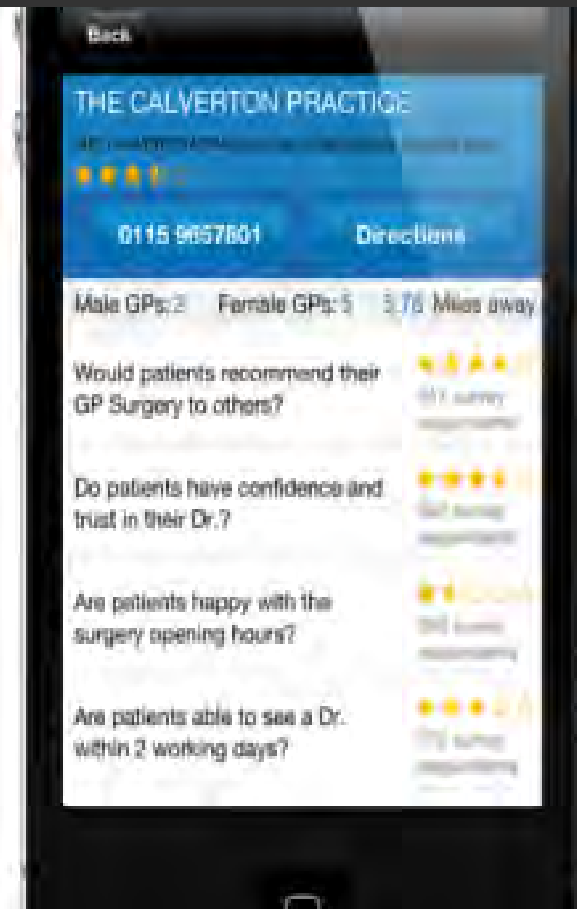
# Not the app store

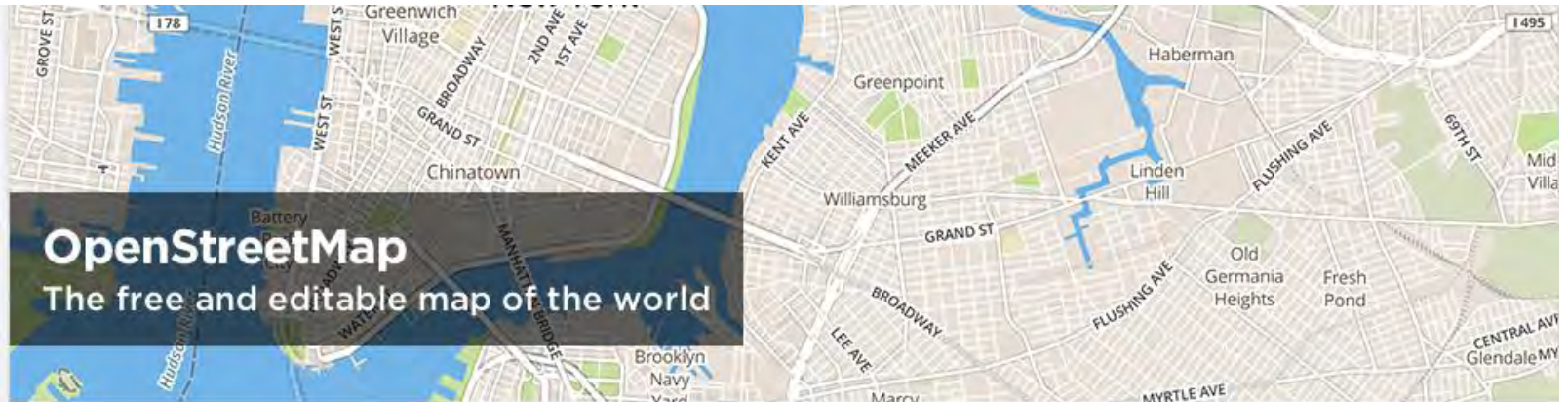
average, each surgery has 4,000 pieces of data to help them choose a surgery.

The app enables people to find their 10 closest surgeries and view their ratings as a list or on a map.

Once a GP Surgery is selected people can see the surgery address, the number of male and female GPs, and the phone number. People can also choose to navigate to their chosen surgery using in-app functionality.

## The app data





Foursquare's maps are powered by [MapBox](#) and use [OpenStreetMap](#). If you're here to correct an error you found on a Foursquare map, you're in the right place. As an added bonus, all your edits help improve OpenStreetMap, which is the central map database used by hundreds of websites.



## System tools

Write subscribed feeds

---

## Network communication

Full network access

---

## Your personal information

Add or modify calendar events and send emails to guests without owners' knowledge, read

# Facebook



# Positive externalities

The screenshot displays the transportAPI website interface. At the top right, the logo for transportAPI is shown with the tagline "powering change and innovation in transport". Below this is a navigation menu with links for HOME, SOLUTIONS, DEVELOPERS, TEAM, PARTNERS, CONTACT, and BLOG. The main content area is divided into two sections. The left section is a search interface for "Seatonbay.co.uk", featuring a search bar with the text "Find a business" and a search button. Below the search bar is a map of Seatonbay and a list of nearby bus routes. The right section is a "Blog" section with a blue header and a list of articles including "Mind The Gap Dentistry and Transport Data", "January & February Events", "Use TransportAPI and take part in the Ford Traffic Tamer App Challenge for London", "Help Your Fellow Commuters Navigate The London Tube Strike", and "Hackess - An open transport data hack weekend". At the bottom right, there is a "Twitter" section with a blue header and a tweet from transportAPI dated 29 Apr, which says "Tweet with a geo-location and the word bus,".

transportAPI  
powering change and innovation in transport

HOME SOLUTIONS DEVELOPERS TEAM PARTNERS CONTACT BLOG

Seatonbay.co.uk Find a business  Search

Seatonbay.co.uk helps you discover and share the best of your local area. Search or browse our directory and find local businesses and customer reviews. Do you have a business in Seatonbay? You can advertise on this site for free:

Add your business

Looking for self storage in Seatonbay?

Search for travel information on placemobi

Find businesses and organisations by category

Arts, Culture & Entertainment Accommodation & Tourism  
Bars, Pubs & Nightlife Travel & Transportation

Nearby bus routes:

- 100
- 105
- 108
- 109
- 111
- 11
- 1102
- 11

Hyperlocal

Blog

Mind The Gap Dentistry and Transport Data

January & February Events

Use TransportAPI and take part in the Ford Traffic Tamer App Challenge for London

Help Your Fellow Commuters Navigate The London Tube Strike

Hackess - An open transport data hack weekend

Twitter

transportAPI @transportapi 29 Apr  
Tweet with a geo-location and the word bus,



# Open Corporates

The Open Database Of The Corporate World  Companies  Directors

[Log in/Sign up](#)

We have information on  
**66,417,722** companies

search companies  search officers

## Filter by jurisdiction

**1,297** Abu Dhabi (UAE)  
**112,817** Alaska (US)  
**40,157** Albania  
**861,236** Arizona (US)  
**46,466** Aruba

## Just released: OpenCorporates API v0.3

Get data access to over  
60 million companies

Corporate network data,  
financial accounts,  
complex filters, and more. [Read more](#)

## Announcing Open LEIs

Today, OpenCorporates  
announces a new sister  
website, Open LEIs, a  
user-friendly interface on the emerging Global Legal  
Entity Identifier System. [Read more](#)



## New! Just added:



# Effective policy, effective giving

The screenshot displays the Bill & Melinda Gates Foundation website. At the top, a dark navigation bar contains the text "WHO WE ARE", "WHAT WE DO", and "HOW WE WORK" in white. To the right of this bar are a search field with a magnifying glass icon and a "Languages" dropdown menu. The main banner features a photograph of a densely packed informal settlement with many rusted corrugated metal roofs. In the foreground, the backs of two children are visible as they look out over the settlement. Overlaid on the right side of the banner is the text "2014 GATES ANNUAL LETTER" in large white font, with "www.gatesletter.com" below it. In the bottom left corner of the banner, there is a small blue plus icon followed by the text "Annual Letter 2014". Below the banner, the page is divided into three columns by vertical dashed lines. The first column is titled "FOR GRANTEES" and contains two links: "Our Commitment to Grantees" and "Recently Awarded Grants". The second column is titled "FOR GRANTSEEKERS" and contains two links: "How We Make Grants" and "Current Grant Opportunities". The third column is titled "FOR JOB SEEKERS" and contains two links: "Browse Open Positions" and "Employee Profiles". At the bottom of the page, centered, is the text "STAY CONNECTED".

WHO WE ARE WHAT WE DO HOW WE WORK Search Languages

BILL & MELINDA GATES foundation

2014 GATES ANNUAL LETTER

www.gatesletter.com

+ Annual Letter 2014

**FOR GRANTEES**

- Our Commitment to Grantees
- Recently Awarded Grants

**FOR GRANTSEEKERS**

- How We Make Grants
- Current Grant Opportunities

**FOR JOB SEEKERS**

- Browse Open Positions
- Employee Profiles

STAY CONNECTED

# How to mess up open data. A guide for government

- Undermine your open data policy



care.data

[News](#) | [Sport](#) | [Comment](#) | [Culture](#) | [Business](#) | [Money](#) | [Life & style](#)

Comment is free

## Care.data is in chaos. It breaks my heart

Medical data has huge power to do good, but it presents risks too. When leaked, it cannot be unlearned. When lost, public trust cannot be easily regained



**Ben Goldacre**

The Guardian, Friday 28 February 2014 18.45 GMT

# Sell data

[News](#) | [Sport](#) | [Comment](#) | [Culture](#) | [Business](#) | [Money](#) | [Life & style](#)

[News](#) > [Politics](#) > [HMRC](#)

## HMRC to sell taxpayers' financial data

- Firms could buy 'anonymised' financial details
- Plan 'borderline insane' according to senior Tory MP

---

**Rowena Mason**, political correspondent

The Guardian, Friday 18 April 2014 19.04 BST

 [Jump to comments \(1308\)](#)



# Core datasets

The Public Data Group (PDG) brings together 4 organisations that excel in the collection, management and distribution of vital data sets, under one banner.

## Contents

- Membership
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- Examples of activity
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- providing high profile and nationally important data sets as Open Data

## Membership

The members are:

- [Companies House](#)
- [Land Registry](#)
- [Met Office](#)
- [Ordnance Survey](#)

# What about business?

- Effective government is a precondition for inward investment.
- Long term investment needs transparency.
- Open data could be the infrastructure which attracts talent and investment to the UK.

# This is big open data

The image shows a screenshot of the NOAA website homepage. At the top, the NOAA logo and name are displayed: "NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION UNITED STATES DEPARTMENT OF COMMERCE". Below this is a navigation bar with links for "About NOAA", "Contacts", "Staff Directory", and "Help". A search bar is located on the right side of the navigation bar.

On the left side, there is a vertical sidebar with several sections:

- Weather.gov Forecast**: Includes a search box for "City, ST" and a "GO" button.
- Active Weather Alerts**: A link to view current alerts.
- Our Organization**: A link to learn more about NOAA's structure.
- Working With Us**: A link for external partners.
- Media & Constituents**: A link for media and public relations.
- NOAA in Your State**: A link to state-specific information.
- Budget Information**: A link to financial reports.
- Emergency Information for NOAA Employees**: A link for internal emergency procedures.
- Weather-Ready Nation**: A link to the national weather readiness campaign.

The main content area features a large map of the world with a color-coded overlay representing sea surface temperatures. A red banner over the map says "You Tube VIDEO". Below the map, a text box reads: "Special delivery: A climate model in the mailbox. How global sea surface temperatures launched a new Forever® stamp".

On the right side, there is a section titled "EXPLORE OUR AGENCY" with a grid of icons for various NOAA programs: weather, oceans, fisheries, climate, research, coasts, satellites, and changing.

Below that is the "FROM THE NEWSROOM" section, which lists several recent news items:

- New way to see surface and tidal currents
- New fisheries survey ship in San Diego
- Researchers discover ocean acidity is dissolving shells of tiny snails off the U.S. West Coast
- Two reports show strong economic gains from fishing, continued improvement in fish stocks
- Ships set sail for 2014 hydrographic survey season

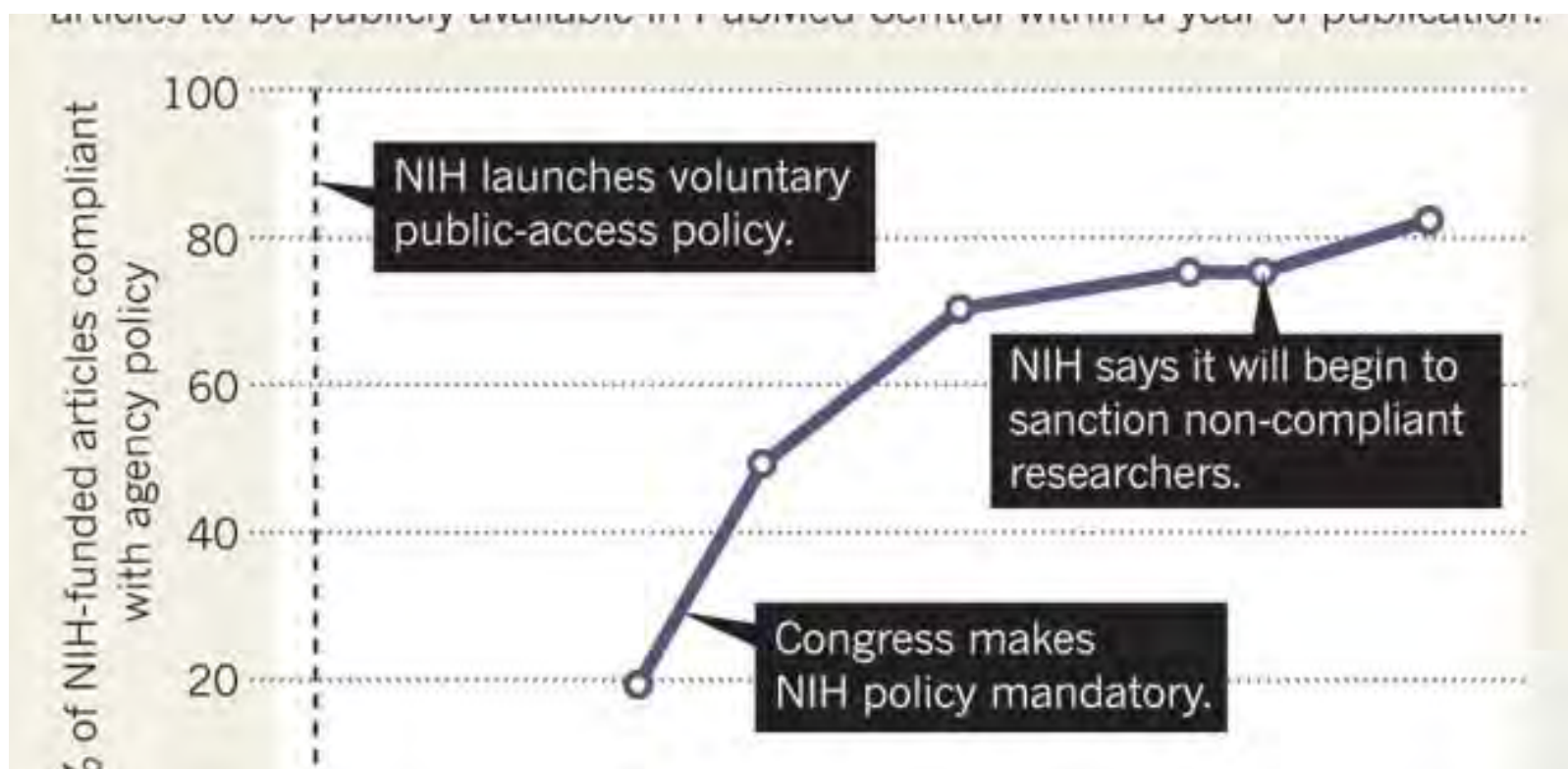
At the bottom right, there is a section titled "GET OUR WALLPAPER AND POSTER" showing images of NOAA-themed digital products on a computer monitor, tablet, and smartphone.

At the bottom left, there are logos for "Climate.gov science and services for society" and "Law Enforcement Updates" with a police badge icon.

# This is not big data

- Postcode Address File 29 million addresses

# Incentives

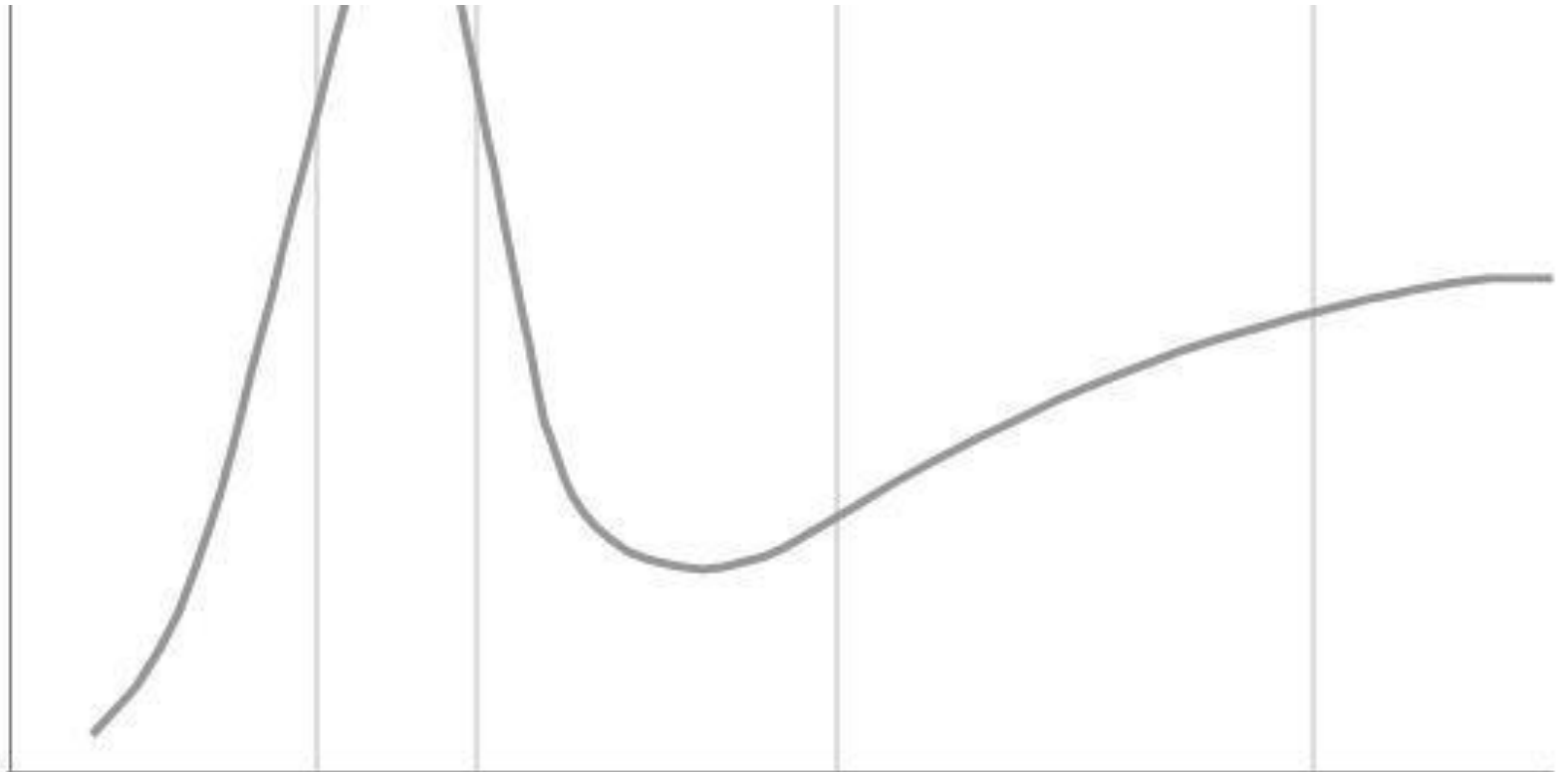




# Changing the default

- There isn't really a net cost to publishing open data.
- It's about changing the default.

# The new normal



Thanks