

Transparency, Local Data and the Web

Professor Nigel Shadbolt FREng
Public Sector Transparency Board
Chair CLG Local Public Data Panel

Eland House, 9th September 2010

Introduction

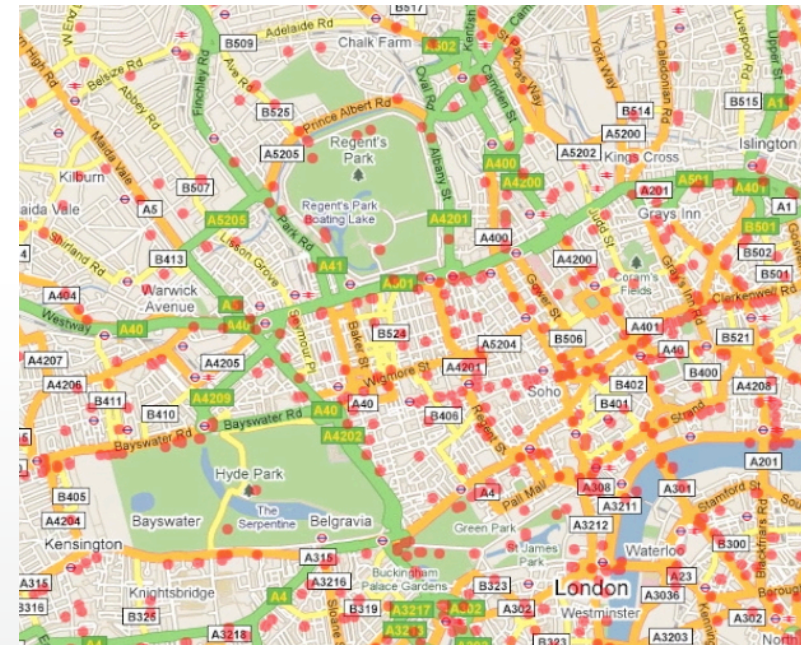
- Open Government Data is creating waves
- Governments, local authorities, cities, organizations, individuals - all releasing data
- Tim Berners-Lee and myself appointed 9th June 2009 and set about creating data.gov.uk
- Reappointed Public Sector Transparency Board June 2010



The Power of Open Data



**Cholera
cases**



**Bicycling traffic
accidents**

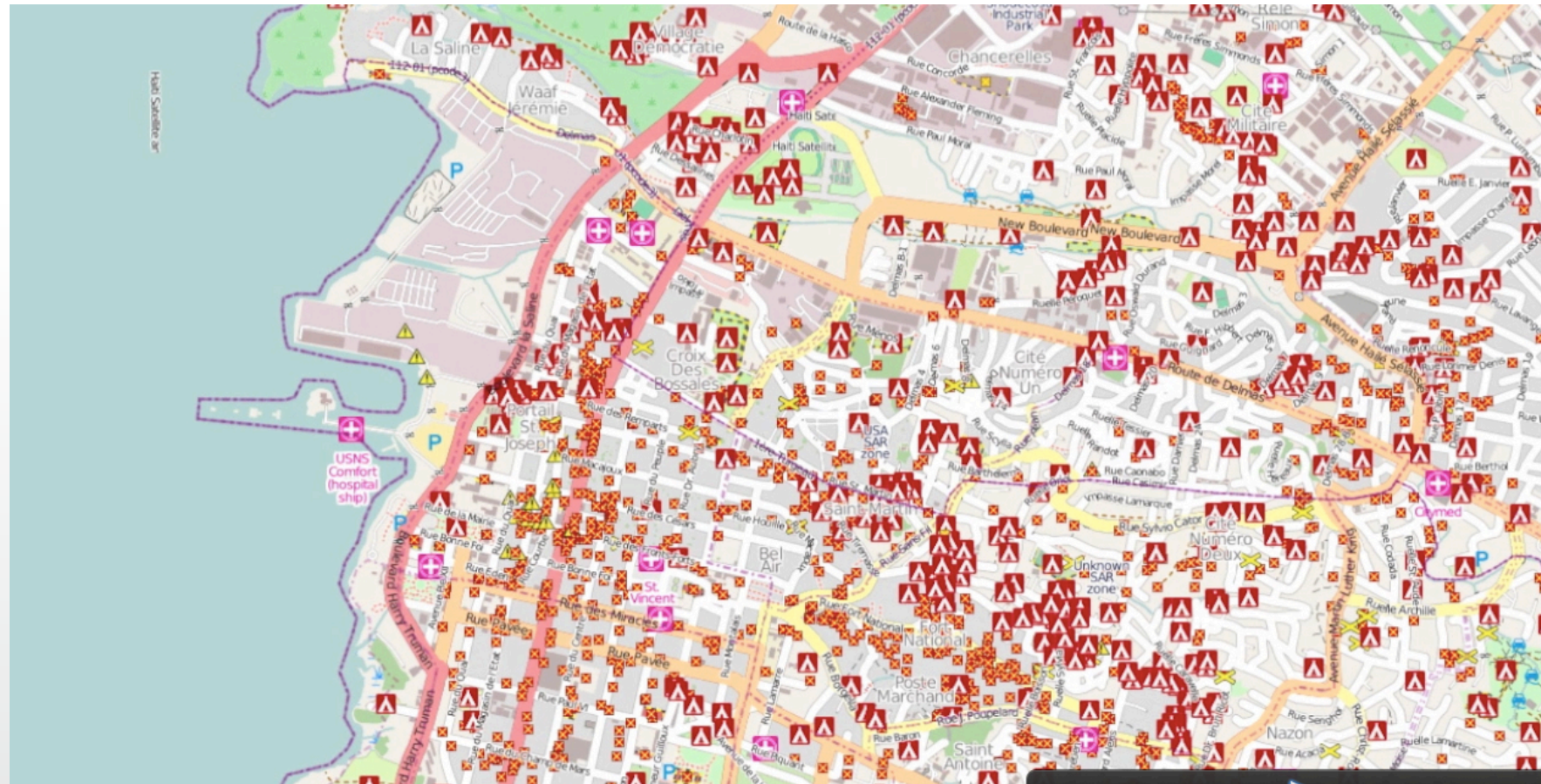
The Power of Open Data

Port-au-Prince < 12 Jan 2010



The Power of Open Data

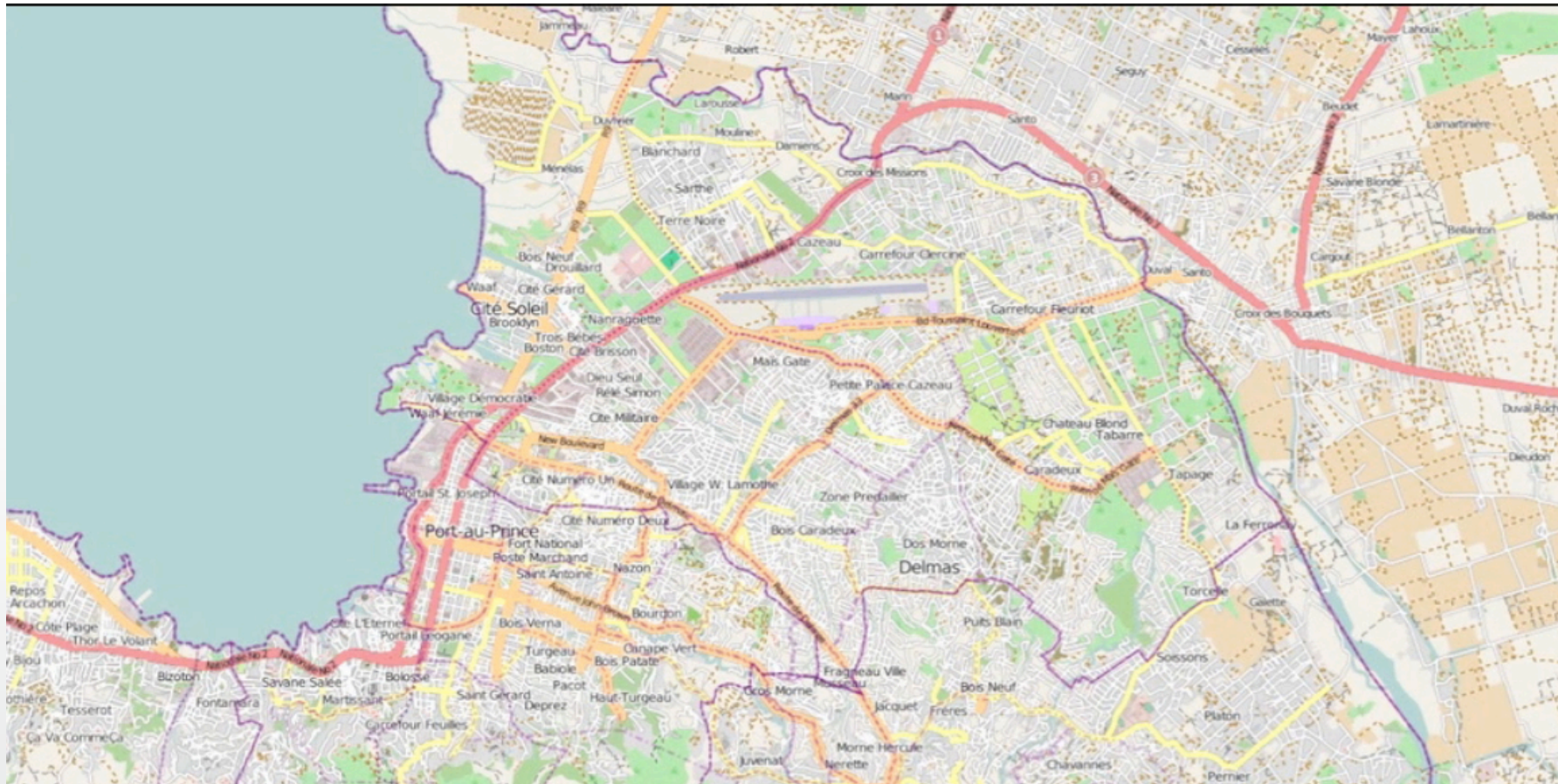
Port-au-Prince ≈ 25 Jan 2010



from this...



to this... in 13 days



Accomplishments

- data.gov.uk itself (now with almost 4000 datasets)
 - Open source and open standards
 - Key data sets released inc OS OpenData, COINS etc.
- a new open licence for Crown Copyright information
- overcoming the many objections to transparency of data
- community of data users and developers who hold the teams to account
- political and technical leadership



Coalition Government's Commitments

- Prime Minister's letter to Ministers on Transparency and Open Data - established Public Sector Transparency Board
- Creating a powerful new right to government data, enabling the public to request and receive government datasets
- Publishing data in open and standardised formats
- Transforming the culture of the public sector to one that presumes datasets should be open and shared with the public on an ongoing basis.
- Bringing in new measures to enable the public to scrutinise the government's accounts
- Requiring public bodies to publish online job titles, salaries and expenses of senior staff
- Publishing in full government contracts for good and services worth over £25,000 ...

Number10.gov.uk

The official site of the Prime Minister's Office

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[Home](#) > [Government data to be opened up to the public](#)

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May 2010

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« Apr Jun »

Monday 31 May 2010

Government data to be opened up to the public

The Prime Minister has today launched a radical plan to open up Government data to the public.

In a letter sent to all Government departments, David Cameron has set out ambitious plans to open up data and set challenging deadlines to public bodies for the publication of information on topics including crime, hospital infections and Government spending.

The letter also announced that MySociety founder Tom Steinberg will advise ministers on the development and implementation of the transparency agenda.

Whitehall departments will begin to release new data to the public this week, starting with senior civil service salaries, MRSA infection data on a hospital-by-hospital basis and the Treasury's COINS database of public spending.

In his letter, the PM said:

"Greater transparency across Government is at the heart of our shared commitment to enable the public to hold politicians and public bodies to account; to reduce the deficit and deliver better value for money in public spending; and to realise significant economic benefits by enabling businesses and non-profit organisations to build innovative applications and websites using public data."



Public Data

"Public Data" is the objective, factual, non-personal data on which public services run and are assessed, and on which policy decisions are based, or which is collected or generated in the course of public service delivery.

The screenshot shows the data.gov.uk website. At the top, there's a navigation bar with links for Data, Apps, Ideas, Forum, Wiki, Blog, Transparency, Linked Data, and Resources. Below this is a search bar and a 'Log in or Sign up' link. The main content area features a large article titled 'New Public Sector Transparency Board and Public Data Transparency Principles', dated 25/06/2010 with 22 comments. The article text describes the establishment of the Public Sector Transparency Board and its role in driving forward the Government's transparency agenda. It mentions that the Board will drive forward the Government's transparency agenda, making it a core part of all government business and ensuring that all Whitehall departments meet the new tight deadlines set for releasing key public datasets. It also mentions that the Board will be responsible for setting open data standards across the whole public sector, listening to what the public wants and then driving through the opening up of the most needed data sets. The article is chaired by Francis Maude, the Minister for the Cabinet Office, and other members of the Transparency Board are Sir Tim Berners-Lee, inventor of the World Wide Web, Professor Nigel Shadbolt from Southampton University, an expert on open data, Tom Steinberg, founder of mySociety, and Dr Rufus Pollock from Cambridge University, an economist who helped found the Open Knowledge Foundation. A quote from Francis Maude is included: 'In just a few weeks this Government has published a whole range of data sets that have never been available to the public before. But we don't want this to be about a few releases, we want transparency to become an absolutely core part of every bit of government business. That is why we have asked some of the country's and the world's greatest experts in this field to help us take this work forward quickly here in central government and across the whole of the public sector.' The article also mentions that at their first meeting yesterday they discussed some new Public Data Transparency Principles. A 'Working definition of "Public Data"' is provided: 'Public Data' is the objective, factual, non-personal data on which public services run and are assessed, and on which policy decisions are based, or which is collected or generated in the course of public service delivery. Below this is a 'Draft Public Data Principles' section with a list of principles: Public data policy and practice will be clearly driven by the public and businesses who want and use the data, including what data is released when and in what form – and in addition to the legal Right To Data itself this overriding principle should apply to the implementation of all the other principles. Public data will be published in reusable, machine-readable form – publication alone is only part of transparency – the data needs to be reusable, and to make it reusable it needs to be machine-readable. At the moment a lot of Government information is locked into PDFs or other unprocessable formats. Public data will be released under the same open licence which enables free reuse, including commercial reuse – all data should be under the same easy to understand licence. Data released under the Freedom of Information Act or the new Right to Data should be automatically released under that licence. Public data will be available and easy to find through a single easy to use online access point (data.gov.uk) – the public sector has a myriad of different websites, and search does not work well across them. It's important to have a well-known single point where people can find the data.

On the right side of the page, there's a 'Featured blogs' section with links to Sir Tim Berners-Lee, Professor Nigel Shadbolt, Number 10, Digital Engagement, Digigov (COI), Digital Britain, and Jeni Tennison. Below this is a section titled 'Have you used our data to create an application?' with a 'Share your app' button. Another section titled 'Have you got a good idea for the data?' with a 'Share your idea' button. A final section titled 'Do you want more data?' with a 'Request new data' button.

Public Data Principles

- Public data policy and practice will be clearly driven by the public and businesses who want and use the data, including what data is released when and in what form
- Public data will be published in reusable, machine-readable form
- Public data will be released under the same open licence which enables free reuse, including commercial reuse
- Public data will be available and easy to find through a single easy to use online access point (data.gov.uk)
- Public data will be published using open standards, and following relevant recommendations of the World Wide Web Consortium

Public Data Principles

- Public data underlying the Government's own websites will be published in reusable form for others to use
- Public data will be timely and fine grained
- Release data quickly, and then re-publish it in linked data form
- Public data will be freely available to use in any lawful way
- Public bodies should actively encourage the re-use of their public data
- Public bodies should maintain and publish inventories of their data holdings

Early examples of OGD - ASBOrometer



ASBOrometer is a mobile application that measures levels of anti-social behaviour at your current location (within England and Wales) and gives you access to key local ASB statistics.

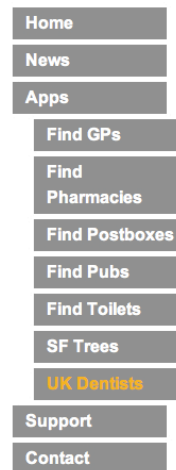
ASBOrometer is available for iPhone and Android phones. Get it FREE from the iTunes App Store or Android Market now!

This app was created by [Jeff Gilfelt](#) and made possible by the [data.gov.uk](#) initiative, which is opening up UK government data for public reuse.

Available on the App Store



Early examples of OGD – NHS dentists



UK Dentists



Find your nearest NHS dentist quickly and easily!

The National Health Service has over 7,500 dental surgeries across England but finding one can be a difficult and time consuming task. This app is based on data provided by the UK's Health and Social Care Information Centre (HSCIC)* and covers 99.4% of all registered NHS dental surgeries in England.

Search for an NHS dentist around your current location, or look for one in another area (where you may be moving to, or for a friend) via a simple place name or postcode search. Distances can be displayed in metric or imperial units (configured in the application preferences).

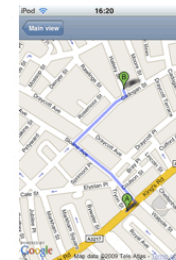
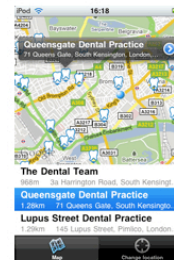
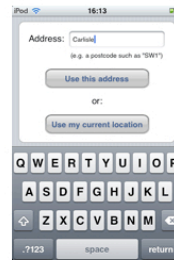
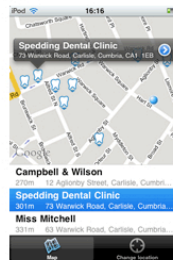
UK Dentists uses the built in GPS on the iPhone to get your current location, but can also locate an iPod Touch in built-up WiFi areas. If your location cannot be determined automatically then you can always enter your post code to get started. Please note that an internet connection is required to get location and map data.

* Data reproduced under the terms of the Office of Public Sector Information (OPSI) Click-Use Licence.



Application Screenshots

Click on any of the images to see a larger version



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Power of OGD – Location...

www.ordnancesurvey.co.uk/opendata

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view

- Outline of Great Britain
- Overview of Great Britain
- MiniScale ©
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- Boundary-Line™
- OS VectorMap™ District - **New**

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- Put Ordnance Survey maps on your website

Our API uses JavaScript to make web pages more interactive, anyone can create an application by following simple code and tutorials.

supply

Order OS OpenData on hard media or download direct to your PC, Mac or laptop (please note - **you may need specialist GI data software to view and use this data...**)

about

[View, download and order](#) OS OpenData or use [OS OpenSpace](#) to enhance your own application.

You can also experiment with [OS OpenData in RDF format](#).

If OS OpenData doesn't meet your needs, why not try:

- The Ordnance Survey [Map Shop](#) for paper maps.
- The [Explore portal](#) for routes, photos and blogs.
- Ordnance Survey mapping for [business](#) or [education](#).

help

See our [FAQ](#) page to find answers to any questions you might have about OS OpenData, get more [technical help](#) with the map viewer or downloads.

Or you can [email](#) or call us on **0845 408 1895** (8.30am - 5.30pm, Monday to Friday).

- [OS OpenData Licence](#)
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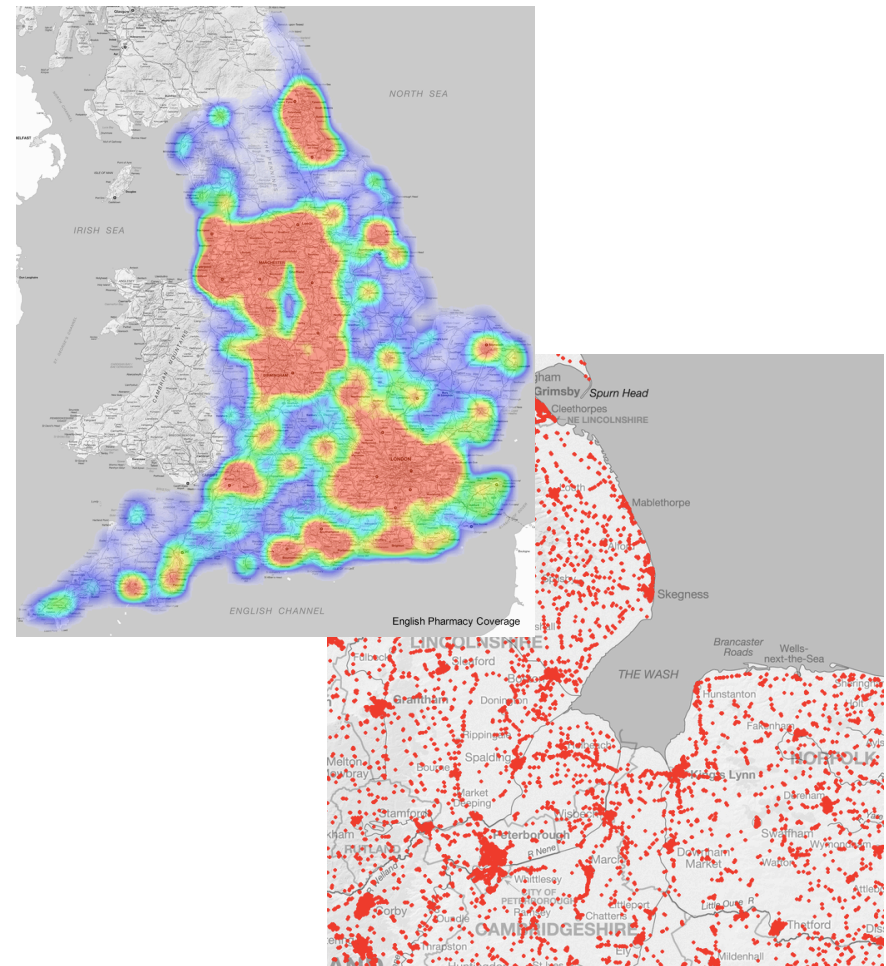
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Featured blogs:

[Ordnance Survey Blog](#), [Sir Tim Berners-Lee](#), [Professor Nigel Shadbolt](#), [Digital Engagement](#)



The Power of OGD – Spending...

guardian.co.uk

Search: Entire site: Search

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News > Politics > Coins data explorer

Coins Data Explorer

This is our first attempt at producing a way to navigate around the 3.2m data items released by the UK government as part of Coins. Scroll down the page to choose which chunk of data you'd like to explore - and let us know what you find.

Find out what the acronyms mean with our glossary.

Send story ideas to coinsdata@guardian.co.uk

Help fill in the joint Guardian and Where Does My Money Go? google spreadsheet

[Jump to results](#) [Output all as CSV](#) [Reset search](#)

Search:

All queries are filtered by what we believe to be the latest forecast of the amount spent in tax year 2009/10. This is only a forecast, the actual figures will only be known in September.

(Technically, filtered by data type "Forecast Outturn March" and data subtype "Forecast Outturn (Submitted)", removing zero values)

Filter by department description

- Armed Forces Retired Pay, Pensions etc (170)
- Cabinet Office (910)
- Cabinet Office: Civil superannuation (246)
- Charity Commission (58)
- Crown Estate Office (12)
- Department for Business Innovation and Skills (4985)
- Department for Business, Enterprise & Regulatory Reform: UKAEA pension schemes (51)
- Department for Children, Schools and Families (2641)
- Department for Communities and Local Government (6255)
- Department for Culture, Media and Sport (2707)
- Department for Environment, Food and Rural Affairs (4668)
- Department for International Development (2006)
- Department for International Development: Overseas Superannuation (72)
- Department for Transport (4004)
- Department for Work and Pensions (4073)
- Department of Energy and Climate Change (1041)
- Department of Health (1696)
- Electoral Commission (126)
- Export Credits Guarantee Department (185)
- Food Standards Agency (203)
- Foreign and Commonwealth Office (512)
- Government Actuary's Department (121)
- Government Equalities Office (139)

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Comment is free > liberty central

Coins publication is welcome – but not everyone will like results

There's a risk of tabloid-unfriendly projects being mauled, but it's still right for government spending to be transparent

Michael Cross
guardian.co.uk, Friday 4 June 2010 13.35 BST
[Article history](#)

A few years ago I helped the Department for International Development run a lavish international conference in Bangladesh, on the subject of migration. Its general conclusion was that migration is a good thing – remittances from migrant workers to their home countries far outstrip official aid, and, arguably, do more good.

I'm guessing that this is exactly the sort of jamboree the new government had in mind when, in opposition, it promised to open up the detailed ledgers of public spending. While I, and many real experts, might defend spending tens of thousands of taxpayer pounds promoting migration, it's not hard to see what the popular press would have made of it. Had they known about it.

In the new transparency age, ushered in today by the release of the first tranche of public data from the Treasury's jealously guarded Coins (Combined Online Information System), the migration conference would have had a very rough ride indeed.

In fact, in the current climate, the chances of funding it would be zero. Likewise, whole swathes of public spending that doesn't immediately fall into the categories politicians like to boast about – bobbies on the beat, hospital beds, etc.

Despite this danger, I'm heartily in favour of the opening of Coins along with itemised government spending data. It's the latest stage in a revolution that was beyond our wildest dreams when Charles Arthur and I launched the Guardian's [Free Our Data](#) campaign, four years ago.

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the guardian
ACTIVATE
2010

Judges include:
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Julie Meyer, Ariadne

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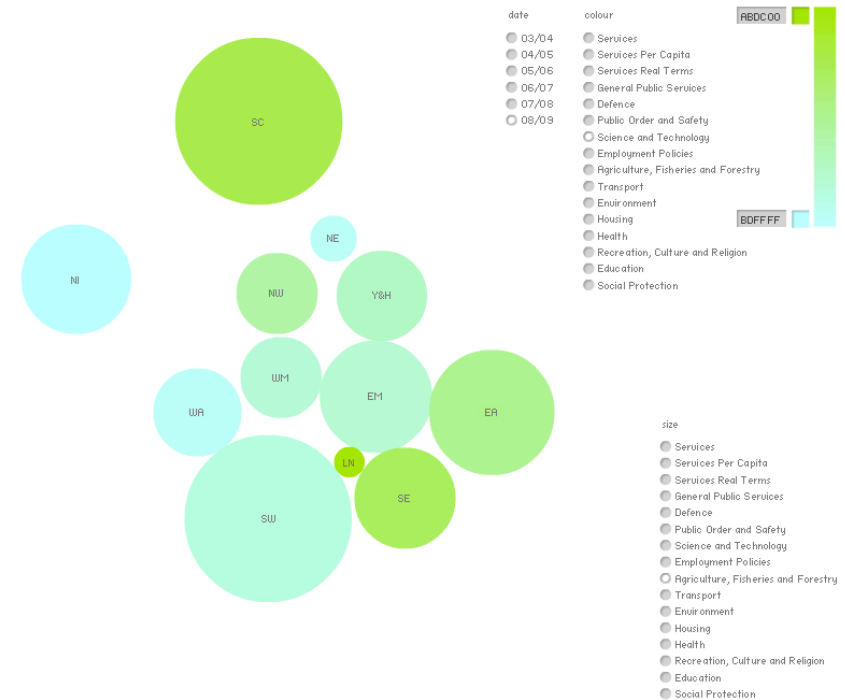
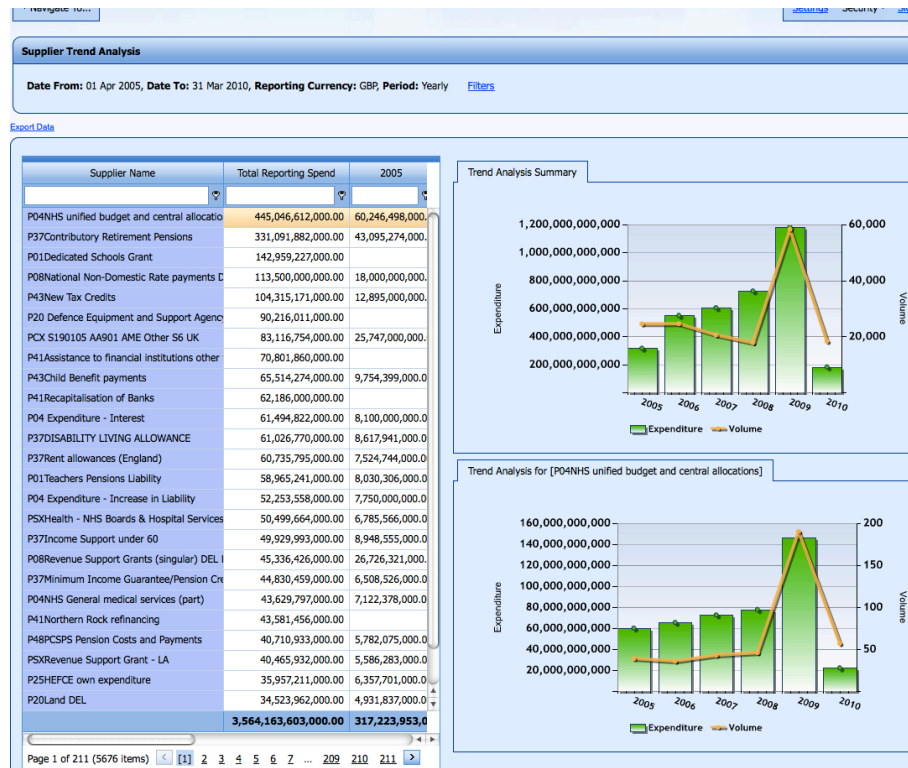
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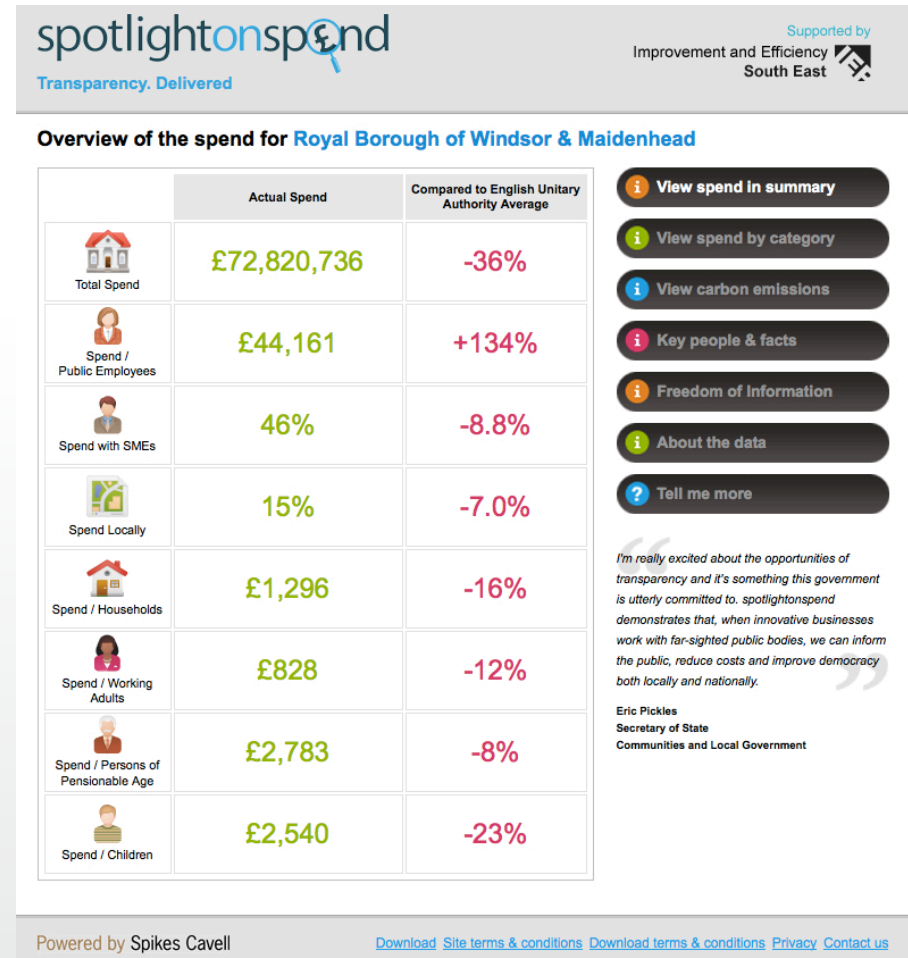
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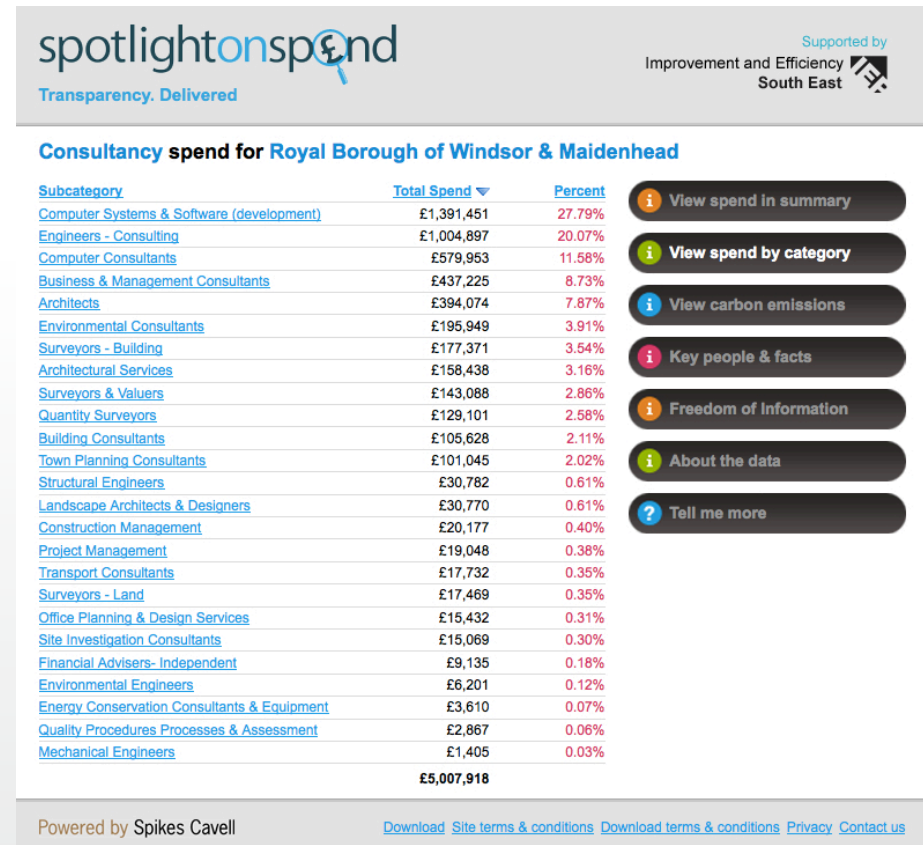
Local Matters

- New items of Local government spending over £500 – council by council from Jan 2011



Local Matters

- New items of Local government spending over £500 – council by council from Jan 2011



Local Matters

- “Greater openness in spending is the best way to root out waste, spot duplication and increase value for money.”

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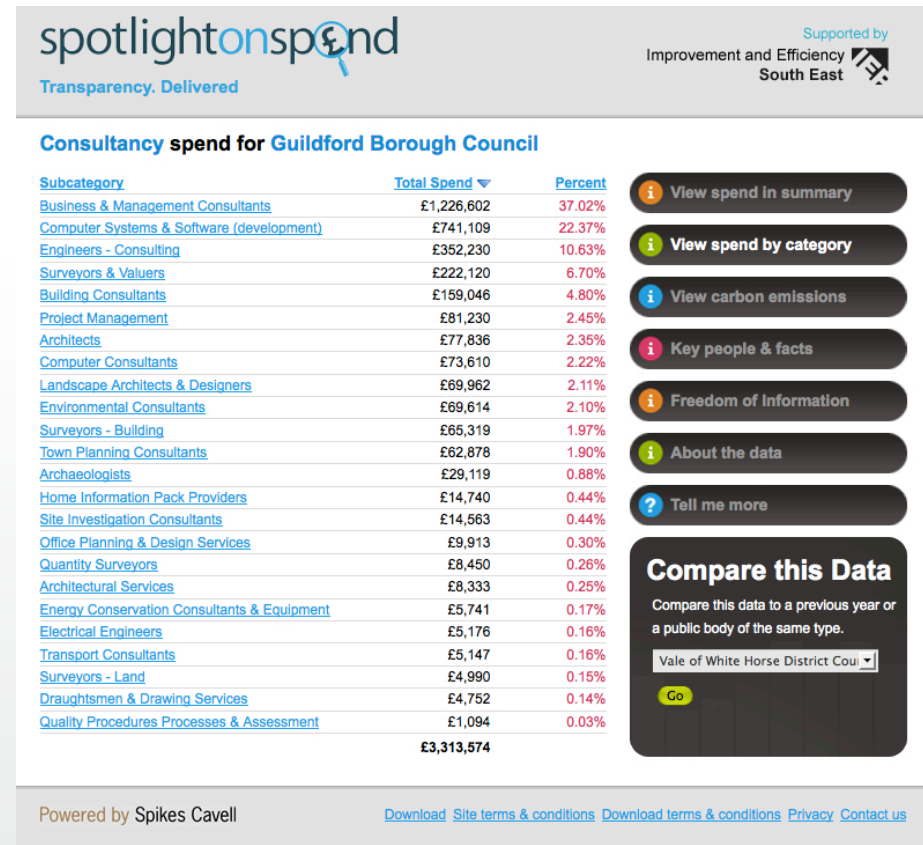
Suppliers in the category of Computer Systems & Software (development) who supply Royal Borough of Windsor & Maidenhead

| Supplier | Total Spend ▼ | Percent |
|--|---------------|---------|
| Idox Information Services Ltd | £130,770 | 9.40% |
| Heywood Limited | £114,505 | 8.23% |
| Agresso Ltd | £83,630 | 6.01% |
| MapInfo Ltd | £79,207 | 5.69% |
| Phoenix Software Ltd | £66,322 | 4.77% |
| Acis Ltd | £65,548 | 4.71% |
| Care Monitoring 2000 Ltd | £62,432 | 4.49% |
| The Technology Forge | £59,399 | 4.27% |
| Lagan Technologies Ltd | £57,124 | 4.11% |
| Civica UK Ltd | £36,626 | 2.63% |
| Northgate Information Solutions UK Ltd | £35,880 | 2.58% |
| Esri (UK) Ltd | £35,194 | 2.53% |
| Cloud Amber Limited | £34,450 | 2.48% |
| Esp Systex Ltd | £33,450 | 2.40% |
| Avocent Software Limited | £32,284 | 2.32% |
| Oracle Corporation UK Ltd | £31,520 | 2.27% |
| Hyperwave Limited | £29,644 | 2.13% |
| Chipside Limited | £26,860 | 1.93% |
| Lalpac Ltd | £25,350 | 1.82% |
| Halarose Ltd | £24,848 | 1.79% |
| Qas Limited | £23,815 | 1.71% |
| Capita Software Services | £20,644 | 1.48% |
| E-Government Solutions Ltd | £20,000 | 1.44% |
| Limehouse Software Ltd | £18,347 | 1.32% |
| Frontier Software Plc | £18,140 | 1.30% |
| Visionware Plc | £14,040 | 1.01% |
| Micad Systems (UK) Ltd | £14,014 | 1.01% |
| Firmstep | £13,898 | 1.00% |
| Essential Computer Ltd | £12,052 | 0.87% |

- View spend in summary
- View spend by category
- View carbon emissions
- Key people & facts
- Freedom of Information
- About the data
- Tell me more

Local Matters

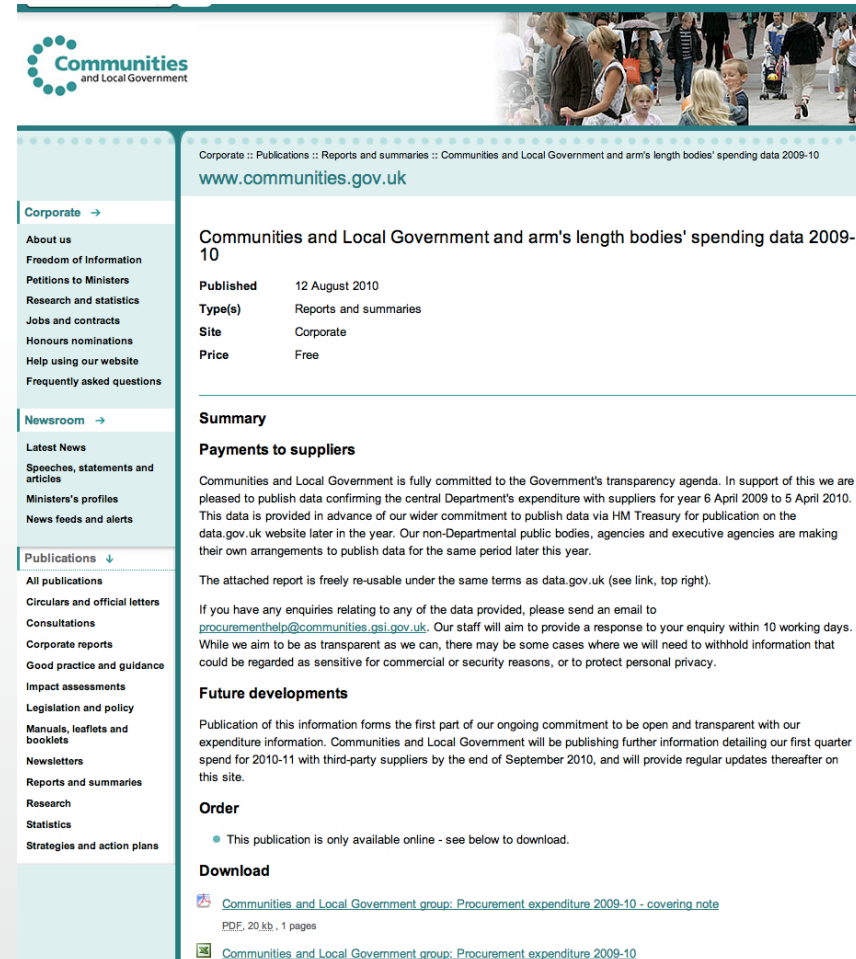
- “Greater openness in spending is the best way to root out waste, spot duplication and increase value for money.”



Leading from the front

"Now it's our turn. I don't believe in one rule for councils and one for this Department. Central Government spends billions of tax pounds every year and transparency at this level of spending is just as important."

"This Department, like the rest of Whitehall, needs to look at where every penny is going and getting this data out in the open will help that process." SoS 12-8-10



The screenshot shows the 'Communities and Local Government' website. The header includes the logo and a navigation bar with links like 'Corporate', 'Publications', 'Reports and summaries', etc. The main content area displays the title 'Communities and Local Government and arm's length bodies' spending data 2009-10' with a publication date of 12 August 2010. It includes a 'Summary' section with a 'Payments to suppliers' heading, a 'Future developments' section, and a 'Download' section with a PDF link.

Communities and Local Government
Corporate :: Publications :: Reports and summaries :: Communities and Local Government and arm's length bodies' spending data 2009-10
www.communities.gov.uk

Communities and Local Government and arm's length bodies' spending data 2009-10

Published 12 August 2010
Type(s) Reports and summaries
Site Corporate
Price Free

Summary

Payments to suppliers

Communities and Local Government is fully committed to the Government's transparency agenda. In support of this we are pleased to publish data confirming the central Department's expenditure with suppliers for year 6 April 2009 to 5 April 2010. This data is provided in advance of our wider commitment to publish data via HM Treasury for publication on the data.gov.uk website later in the year. Our non-Departmental public bodies, agencies and executive agencies are making their own arrangements to publish data for the same period later this year.

The attached report is freely re-usable under the same terms as data.gov.uk (see link, top right).

If you have any enquiries relating to any of the data provided, please send an email to procurementhelp@communities.gsi.gov.uk. Our staff will aim to provide a response to your enquiry within 10 working days. While we aim to be as transparent as we can, there may be some cases where we will need to withhold information that could be regarded as sensitive for commercial or security reasons, or to protect personal privacy.

Future developments

Publication of this information forms the first part of our ongoing commitment to be open and transparent with our expenditure information. Communities and Local Government will be publishing further information detailing our first quarter spend for 2010-11 with third-party suppliers by the end of September 2010, and will provide regular updates thereafter on this site.

Order

• This publication is only available online - see below to download.

Download

[Communities and Local Government group: Procurement expenditure 2009-10 - covering note](#)
PDF, 20 kb, 1 pages

[Communities and Local Government group: Procurement expenditure 2009-10](#)

And more to come...

- New local government contracts and tender documents for expenditure over £500 to be published in full from Jan 2011
- ...information on senior salaries, names and job descriptions, councillor allowances and expenses, minutes and papers of council meetings, job vacancies that will enable people to see why council wage bills are so high and how many of the positions are for key local services frontline service data - including rubbish and recycling rates, council tax collection rates and detail of major planned projects data such as food hygiene reports for food outlets - information which is routinely collected and of interest to residents, but not currently shared in an easily accessible format
- Crime data to be published at a level that allows the public to see what is happening on their streets from Jan 2011


Data Publishing – Star Quality

- ★ Put your data on the Web (any format)
- ★★ Make it available as structured data (e.g. Excel, CSV, instead of PDF)
- ★★★ Use open, standard formats (e.g. XML, RDF)
- ★★★★ Use URLs to identify things (so people and machines can point at your data)
- ★★★★★ Link your data to other people's data

Why 5★ Linked Data?

- National digital infrastructure being built
- URIs for schools, roads, bus stops, post codes, admin boundaries...
- Some of the data links across and connects other data together
- Key data link points exist

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Burghclere, Highclere and St. Mary Bourne

A description of the resource identified by <http://data.ordnancesurvey.co.uk/id/7000000000017789>

| | |
|--------------------|---|
| Label | Burghclere, Highclere and St. Mary Bourne |
| Name | Burghclere, Highclere and St. Mary Bourne |
| Type | District Ward |
| Area | 11445.724 |
| Area code | DIW |
| Census code | 24UBKE |
| Unit i d | 17789 |
| Borders | Harewood Bourne Valley Kingsclere Overton, Laverstoke and Steventon Alamein Greenham St. Mary's Whitchurch Falkland East Woodhay Kintbury |
| Contains | Litchfield and Woodcott St. Mary Bourne Ecclesdown, Sydmonton and Bishops Green Burghclere Highclere Ashmansworth Newtown |

The data for this description was obtained from the SPARQL service at <http://api.talis.com/stores/ordnance-survey/services/sparql>. This data is also available as: [RDF/XML](#), [Turtle](#) and [JSON](#). A free text search service is available at <http://api.talis.com/stores/ordnance-survey/items>

View this data using these other browsers:

- [Marbles](#)
- [Zitgist Data Viewer](#)
- [Disco](#)
- [Dipper](#)
- [OpenLink Data Explorer](#)

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Ordinance Survey is Great Britain's national mapping agency, providing the most accurate and up-to-date geographic data, relied on by government, business and individuals.

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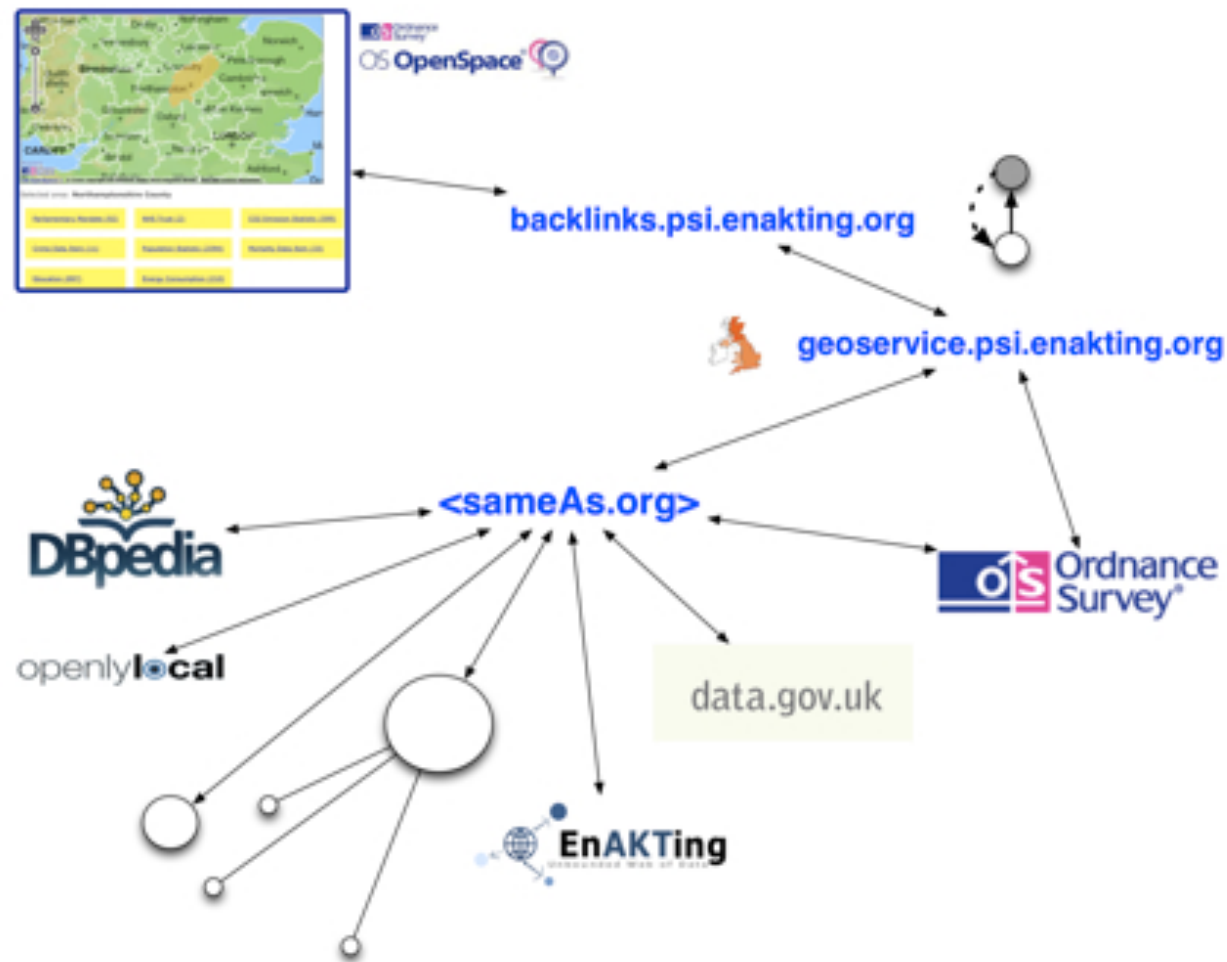
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- Key data link points exist

| | | |
|--|---------------|---|
| Litchfield and Woodcott | label | Litchfield and Woodcott |
| Burghclere, Highclere and St. Mary Bourne | Area | 11445.724 |
| | Area Code | DIW |
| | Census Code | 24UBKE |
| | Unit ID | 17789 |
| | borders | Greenham |
| | | Falkland |
| | | Kintbury |
| | | Overton, Laverstoke and Steventon |
| | | Harewood |
| | | St. Mary's |
| | | Whitchurch |
| | | Kingsclere |
| | | East Woodhay |
| | | Bourne Valley |
| | | Alamein |
| | contains | St. Mary Bourne |
| | | Ecchinswell, Sydmonton and Bishops Green |
| | | Newtown |
| | | Burghclere |
| | | Highclere |
| | | Litchfield and Woodcott |
| | | Ashmansworth |
| | | District Ward |
| | | Burghclere, Highclere and St. Mary Bourne |
| | | Burghclere, Highclere and St. Mary Bourne |
| | | Highclere |
| | | Harewood |
| | | Alamein |
| | | Ecchinswell, Sydmonton and Bishops Green |
| | | Burghclere |
| | | Greenham |
| | | St. Mary Bourne |
| | | Newtown |
| | | Bourne Valley |
| | | District Ward |
| | | East Woodhay |
| | | Falkland |
| | | Kingsclere |
| | | Kintbury |
| | | St. Mary's |
| | | Whitchurch |
| | | Ashmansworth |
| | | Overton, Laverstoke and Steventon |
| http://data.ordnancesurvey.co.uk/doc/7000000000017789 | Has Format | http://data.ordnancesurvey.co.uk/doc/7000000000017789.html |
| | | http://data.ordnancesurvey.co.uk/doc/7000000000017789.json |
| | | http://data.ordnancesurvey.co.uk/doc/7000000000017789.rdf |
| | | http://data.ordnancesurvey.co.uk/doc/7000000000017789.ttl |
| | | Linked Data for Burghclere, Highclere and St. Mary Bourne |
| | | http://purl.org/dc/dcmitype/Text |
| | | Document |
| | | Burghclere, Highclere and St. Mary Bourne |
| http://data.ordnancesurvey.co.uk/doc/7000000000017789.rdf | primary topic | application/rdf+xml |
| | Format | http://data.ordnancesurvey.co.uk/doc/7000000000017789 |
| | Is Format Of | Linked Data in RDF/XML format for Burghclere, Highclere and St. Mary Bourne |
| | Title | http://purl.org/dc/dcmitype/Text |
| | type | Document |
| | primary topic | Burghclere, Highclere and St. Mary Bourne |
| http://data.ordnancesurvey.co.uk/doc/7000000000017789.html | Format | text/html |

Joining up the dots...

<http://map.psi.enakting.org/how>



Joining up the dots...

<http://map.psi.backlinks.org/>

PSI BackLinking Service for the Web of Data
powered by EnAKTing, [EPSRC EP/G008493/1](#)



<http://dbpedia.org/resource/Portsmouth>

(sameAs) <http://statistics.data.gov.uk/id/local-authority-district/00MR>

- [Further Education](#) (2)
- [Foundation School](#) (2)
- [LA Nursery School](#) (1)
- [Higher Education Institutions](#) (1)
- [Miscellaneous](#) (3)
- [Voluntary Controlled School](#) (2)
- [Other Independent School](#) (9)
- [Pupil Referral Unit](#) (7)
- [Community Special School](#) (11)
- [EY Setting](#) (144)
- [Voluntary Aided School](#) (6)
- [Community School](#) (67)
- [School](#) (514)
- [Playing for Success Centres](#) (2)

(sameAs) <http://data.ordnancesurvey.co.uk/id/7000000000037254>

- [CO2 Emission Statistic](#) (85)
- [Mortality Data Item](#) (3)
- [Road Energy Consumption](#) (30)

Other formats: [RDF](#) [TTL](#) [JSON](#)

[enable geographic containment](#) 

Joining up the dots – UK Linked Data

<http://myarea.psi.enakting.org/>

How good is my area ?

feedback ... please [email us](#)

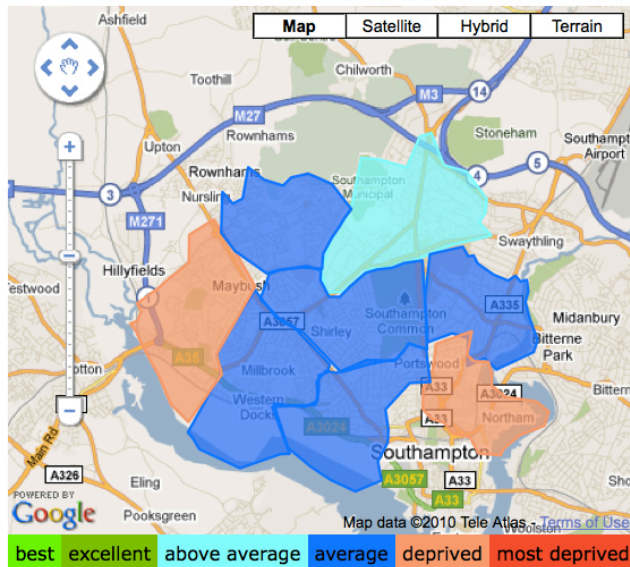
Sources:

[statistics.data.gov.uk](#), [data.ordnancesurvey.co.uk](#),
[IMD Database](#), [Boundary data from OS Open Data](#)

This is a **BETA** app developed in a [EnAKTing](#) hack day. It is built on top of Semantic Web technologies and Linked Data.

It displays a region and its surroundings showing how good are those areas based on the [IMD database ranking](#).

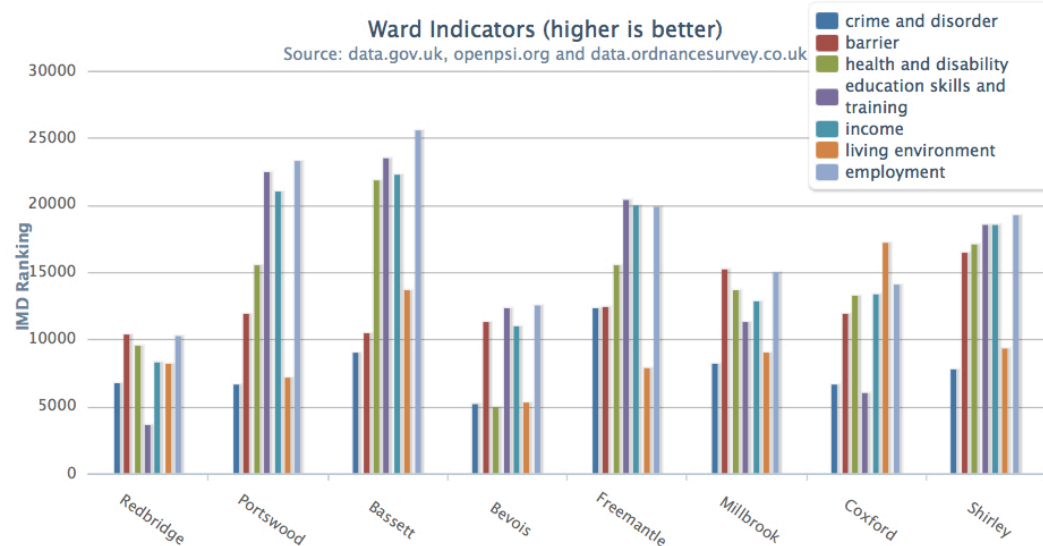
introduce an area name i.e: Portwood, Chilworth, Camden, ...



Area: Bevois

Ward Indicators (higher is better)

Source: [data.gov.uk](#), [openpsi.org](#) and [data.ordnancesurvey.co.uk](#)

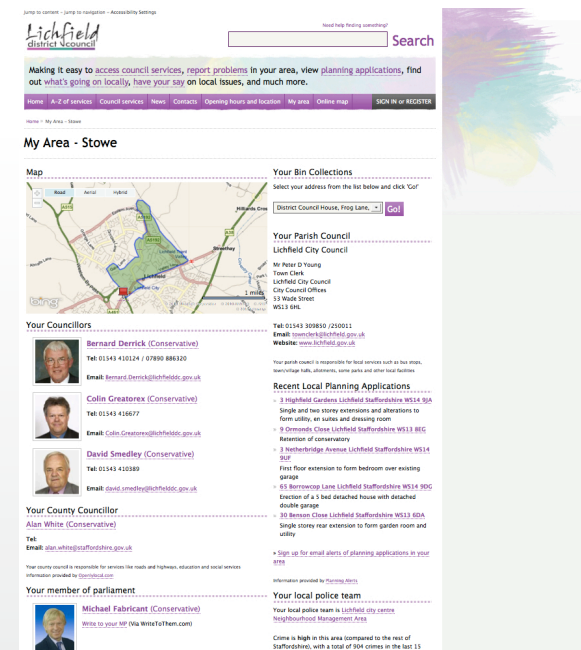


[group by area](#)

The Local Data Panel: Current Activities

Working with new Transparency division on 3 key tasks

1. How to standardise local authority data and which data should be standardised as a priority
2. Assisting local authorities/public bodies to work through technical/ policy issues relating to making data openly available – in particular the Jan 2011 data release;
3. Encouraging citizens, developers, public and private sector organisations to access and exploit data provided by CLG and LAs



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The screenshot displays the FixMyStreet website interface for Lichfield, Staffordshire. The page is organized into several sections:

- Michael Fabricant (Conservative)**: A profile section with a photo and a link to "Write to your MP (Via WriteToThem.com)".
- Your nearest schools**: A list of primary and secondary schools, including St Michael's C of E (C) Primary School, St Joseph's Catholic Primary School, St Chad's C of E (C) Primary School, Christ Church C of E (C) Primary School, and St Peter and Paul Catholic Primary School.
- Your Nearest Library**: A list of libraries, including King Edward VI School, King Edward VI School, and King Edward VI School.
- Problems reported in Stowe**: A list of reported problems, including hedge needs trimming, new fence, 18th August, hazardous potholes, 14th August, play and display machine, 6th August, broken bottles and discarded cans of alcohol, 24th July, broken concrete steps, 24th July, out of date tax disc, 24th July, and noisy rag and bone lorry, 4th July.
- Your nearest recycling centre**: A list of recycling centres, including Lichfield Recycling Centre, Trent Valley Road, Lichfield, WS13 6EU.
- Opening Times**: A list of opening times for the recycling centre, including Monday: Closed, Tuesday: Closed, Wednesday: 9am - 6pm, Thursday: 9am - 6pm, Friday: 9am - 6pm, Saturday: 9am - 5pm, and Sunday: 9am - 5pm.
- Local Health Services**: A section for local health services, including the nearest police station (Lichfield Police Station, Frog Lane, Lichfield, Staffordshire, WS13 6NP) and the nearest hospital.
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The bottom section of the page features a "Hedge needs trimming" problem report, a map of the area, and a "Provide an update" form with fields for Name, Email, and Update, along with a "Post" button.

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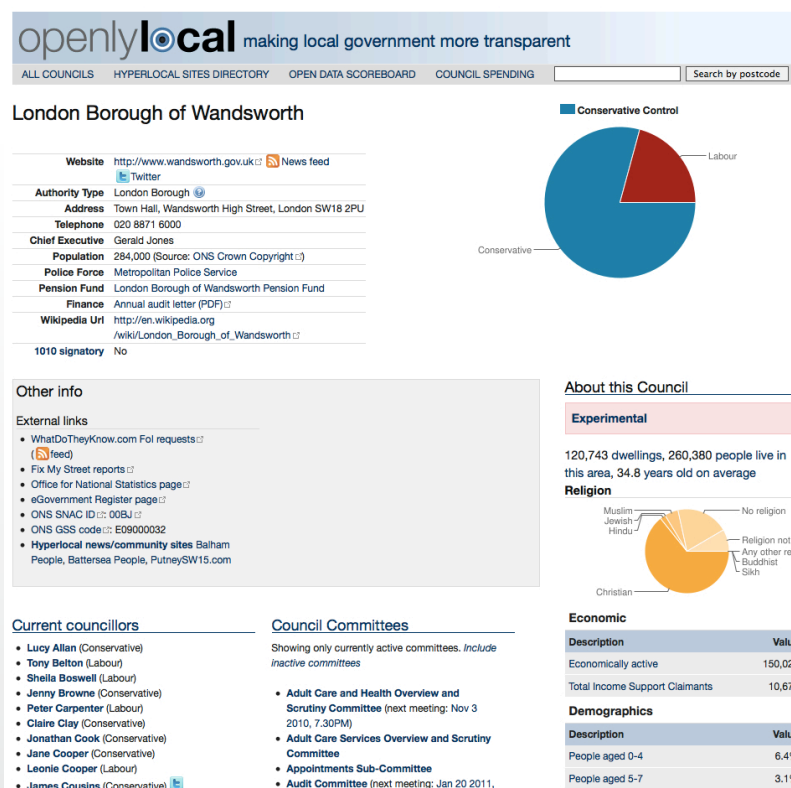
Appendix i: CSV file format

| Column | Field Name | What Is Required | Reason For Inclusion | Additional Information | Inclusion status |
|--------|--------------------|--|---|--|------------------|
| 1 | Body | The statistics.data.gov.uk URI that represents the authority, e.g. Lichfield District Council is http://statistics.data.gov.uk/id/local-authority/41UD | To allow the file to be self-describing | Using a URI to identify the body means that it is uniquely identifiable to data users. The GLA should use the URI http://data.ordnancesurvey.co.uk/id/7000000000041441 | Mandatory |
| 2 | Body name | Name of the authority | Aids readability for casual reading | | Mandatory |
| 3 | Date | The payment date as recorded in departments' purchase or general ledger. | To identify the date that cost the transaction took place. | If it is not possible to source data using the payment date invoice input date or invoice date may be used. The UK date format (DD/MM/YYYY) should be used. Leading zeros should be used where necessary so that the string is precisely 10 characters (e.g. 01/09/2010) | Mandatory |
| 4 | Transaction number | A unique reference number for each individual expenditure transaction | To act as a reference number when dealing with enquiries or FOI requests. | The transaction number used in departments' own systems may be used. | Mandatory |
| 5 | Invoice Number | The reference number for the invoice if it is recorded on the accounts system | To allow matching to invoices (one payment may be for several invoices, and one invoice may be settled by several payments) | Some councils have been discussing ultimately publishing invoices, and inclusion of this fields allows for an easy transition to this, should they do this. | Desirable |
| 6 | Amount | The actual value of the transaction | To identify the full cost of the transaction. | Amounts should be in sterling and inclusive of irrecoverable VAT. Values should be in pounds and pence. Each | Mandatory |

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Oh no you can't...

Loss of licensing revenue

Loss of control

Legal challenges

Exposure

Procedural changes

Privacy

National security

Complexity

Investment

Capacity building required

Authenticity and quality

Customer service

Oh yes we can...

More transparency

what is going on?

More accountability

and is this acceptable?

More localism

because it matters to me,
my family, my locale

More economic/social capital

generates opportunities

More engagement

we can extend and improve

More argument

data for evidenced based
policy