



## World Wide Web Foundation

# Open Data Barometer 4th edition

## Self-assessment questionnaire

The [Open Data Barometer](#) (ODB) is a global study that aims to uncover the true prevalence and impact of open government data initiatives. It analyses global trends, and provides comparative data globally on more than 110 diverse jurisdictions via an in depth methodology combining contextual data, technical assessments and secondary indicators to explore open data readiness, implementation and impact. The Barometer is increasingly being used as a policy making tool to frame and inform global Open Data discussions, including the [International Open Data Charter](#). The Open Data Barometer forms part of the [World Wide Web Foundation](#)'s work on [common assessment methods](#) for open data.

This is the fourth edition of the Open Data Barometer where, as part of our constant methodological improvements, we intend to consolidate the government self-assessment questionnaire for each of the countries in the study. The purpose is twofold, first for further involvement and understanding of governments in the assessment process, and second as a valuable additional source of input for the research process.

The full results and report, as well as the underlying data and methodologies, are always available under an open license at [www.opendatabarometer.org](http://www.opendatabarometer.org), shared to support further analysis, deeper discussion of open data research methods, and exploration of the global state and progression of open data policies and practices across the world.

Please, return the completed questionnaire to the Open Data Barometer project management at [carlos.iglesias@webfoundation.org](mailto:carlos.iglesias@webfoundation.org) **by the end of July**



This 4th edition of the Barometer is supported by the Open Data for Development (OD4D) program, a partnership funded by Canada's International Development Research Centre (IDRC), the World Bank, United Kingdom's Department for International Development (DFID), and Global Affairs Canada (GAC). This work was carried out with the aid of a grant from the International Development Research Centre (IDRC), Ottawa, Canada.

**2016<sup>1</sup>.** In case you have any questions, do not hesitate to contact any time.  
Thank you for your collaboration!

## Open Data Barometer Questionnaire

### Contact Information

### Methodology

#### SECTION 1: Open Data context and policies questions

- C1) Is there an active and well-resourced open government data initiative in the country?*
- C2) Is there a well-defined open data policy and/or strategy in the country?*
- C3) Is there a consistent (open) data management approach?*
- C4) Is there a robust legal or regulatory framework for protection of personal data in the country?*
- C5) Does the country have a functioning Right to Information (RTI) / Freedom of Information (FoI) law?*
- C6) Are civil society and information technology professionals engaging with the government regarding open data?*
- C7) Are city, regional and local governments running their own open data initiatives?*
- C8) Is government directly supporting a culture of innovation with open data through competitions, grants or other support actions?*

#### SECTION 2: Open Data impact questions

- I1) To what extent has open data had a noticeable impact on increasing government efficiency and effectiveness?*
- I2) To what extent has open data had a noticeable impact on increasing transparency and accountability in the country?*
- I3) To what extent has open data had a noticeable impact on environmental sustainability in the country?*
- I4) To what extent has open data had a noticeable impact on increasing the inclusion of marginalised groups in policy making and accessing government services?*
- I5) To what extent has open data had a noticeable positive impact on the economy?*
- I6) To what extent are entrepreneurs successfully using open data to build new businesses in the country?*
- I7) Are there any other relevant open data uses cases in the country?*

#### SECTION 3: Open Datasets questions

- D1) Map Data (full coverage of the country)*
- D2) Land Ownership Data*
- D4) National Statistics*
- D5) Detailed government Budget*
- D6) Detailed data on government spend*
- D7) Company register and information*
- D8) Legislation*
- D9) Public transport timetables*
- D10) International trade data*
- D11) Health sector performance*

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<sup>1</sup> If you have any problems to fulfill the deadline but still are willing to participate, please let us know.

D12) Primary and secondary education performance data

D13) Crime statistics

D14) Environmental data

D15) National election results

D16) Public contracting data

D17) Information on public officials

## Final Feedback

## Contact Information

Please, complete this section with the contact details of the person(s) in charge of the questionnaire. We may be back to you in case any further clarifications are needed.

POINT(S) OF CONTACT	
Country:	
Name(s):	
Position(s):	
Contact Email(s):	
Credits *:	

### \* Disclaimer

Unless otherwise agreed, any information you provide to the Open Data Barometer research may be included in the final report. Edited responses from this survey will be published alongside the final Open Data Barometer, including details of the sources. If you would like to remain anonymous and your organisation not to be attributed as a participant in the self-assessment process, then please make this clear by indicating 'No' for the previous 'Credits' question.

## Methodology

The 4th edition of the Open Data Barometer seeks to repeat the analysis from previous editions with some updates. You will be asked to complete up to 15 questions on readiness and impacts of open data in your country and assess the availability of data across 16 categories (*D3 has intentionally been left blank*) plus one final global checkpoint.

**The time period under study is up to June 2016.** All questions (unless otherwise indicated such as in C7 and sometimes D9) make reference **only to the national (or federal) government**.

For **every question**, it is very important that you **provide a brief and reasoned argument as well as references and/or documents supporting your answers**. This will support researchers to

check the answers given. You **must** provide your justification, sources, and notes in **English**<sup>2</sup> but the resources linked to can be in the national language(s).

**Personal opinions and broad generalizations without specific supporting evidence will not be considered for the study.** Where a source is not available online to link to, you can also send any supporting documents to [carlos.iglesias@webfoundation.org](mailto:carlos.iglesias@webfoundation.org). Do not hesitate to contact in case you have any doubts or questions as well.

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<sup>2</sup> In case you need to address the questionnaire in any other language please let us know.

## SECTION 1: Open Data context and policies questions

There are many policy areas that can overlap with open data. However, for our context analysis we are looking **exclusively for open data** and that's why it is important to understand its conceptual **distinction** from:

- **Open government** - whilst an open government policy might mention open data, the two are not identical. Always check for explicit discussion of open data;
- **E-government** - policies to place government services online *might* have an open data element to them, but in many cases they only give citizens access to specific services or small extracts of data, rather than providing full access to machine-readable data;
- **Data sharing** - governments may increase data sharing between departments, but with limits on whom the data is shared with, or who can re-use it. It is only open data when anyone can reuse it without restrictions;
- **Open Access** - open access focuses mainly on access to (academic) documents and publications rather than datasets.

### C1) Is there an active and well-resourced open government data initiative in the country?

Please describe here your open data initiative, including links to any existing **data catalogue**, the description of the **resources** behind the initiative (staff, budget, etc.), any **collaborative experiences** with other governments and/or international organizations or open data initiatives around the world (e.g. the Open Data charter or the OGP OD working group) and references to any explicit **official commitments** to release open data from government.

### C2) Is there a well-defined open data policy and/or strategy in the country?

Please describe here your open data policy and/or strategy, including links to any **relevant documents** (guidelines, strategies, policies, etc.) and the description of other existing key elements such as the **authority in charge** of its execution, the applicable **licensing schemes**, **publication recommendations** (datasets, formats, standards, etc.), **training**

and awareness programmes for civil servants, **performance indicators** and **progress reports**.

### C3) Is there a consistent (open) data publication approach?

Please describe here your data management approach, including links to any **relevant documents** and the description of other existing key elements such as **metadata** and **technical standards**, **data models and formats**, **codelists** and **identifiers**, **data user's guides** and **supporting documentation**, **data inventories**, **public data consultations** and **feedback management**, the **data lifecycle management** (including release, update and preservation processes) or **quality controls**.

### C4) Is there a robust legal or regulatory framework for protection of personal data in the country?

Please describe here your personal data protection framework, including links to any **regulatory norms** and the description of other existing key elements such as the current **applicability**, the **right of choice/consent**, the **right to access and correct**, the **responsibilities of information holders**, the **right of redress or anonymisation processes**.

### C5) Does the country have a functioning Right to Information (RTI) / Freedom of Information (Fol) law?

Please describe here your right to information or freedom of information law, including

links to any **regulatory norms** and the description of other existing key elements such as the **agency and mechanisms to answer specific requests**, the **legal and actual response times**, the available **redress mechanisms**, the measurements to protect **right to freedom of expression**, or the requirements of **proactive publication** and the use of **reusable formats**.

**C6) Are civil society and information technology professionals engaging with the government regarding open data?**

Please describe here your **engagement actions**, including online and in person actions, **communication strategies**, regular **outreach events** with government participation, coordinated **campaigns**, use of **third-party data**, **public private partnerships** and other **collaborations**, as well as the specific **actors in the open data users community you regularly engage with** (from civil society organisations, enterprises, media, academia, etc.)

**C7) Are city, regional and local governments running their own open data initiatives?**

Please describe here the **number of cities and/or regions** running their own open data initiatives with **dedicated data catalogues** and their typology (capitals, large, medium, small...) including also links to their catalogues, and the description of any kind of **coordination mechanisms** with the national initiative.

**C8) Is government directly supporting a culture of innovation with open data through competitions, grants or other support actions?**

Please describe here links and descriptions of the government supported actions to promote a culture of innovation with open data, such as **challenges, hackathons and competitions**, informative sessions, **co-creation sessions, boot camps, labs, financing, business incubators, sectoral approaches, empowerment of marginalised groups**, etc. and including also the different government departments or agencies that are involved for each of them.



## SECTION 2: Open Data impact questions

Impact questions ask you to assess the degree to which there is any evidence that open data release by the government has had impacts in a variety of different domains. For each topic area you should carefully check to **ensure the impacts you cite can be reasonably attributed to open government data from your country and released by the national or federal government.**

Claims about impact should go beyond simple descriptions of where open data has been used. Your views should generally be supported by credible claims made in academic and scientific publications, use cases, mainstream media and other accredited online sources which explicitly attribute certain outcome impacts to open data. [For any other relevant use cases where impact may not be clear yet, or those that don't belong to any of the sectors described below, please use the I7\) question.](#)

### I1) Has open data had any impact on increasing government efficiency and effectiveness?

Please include here your own views and any supporting examples and references of how open data has contributed to increase the efficiency and effectiveness in your government.

(This could be by enabling government departments to **better plan and target resources**; allowing outside actors to **scrutinise government use of resources** and highlight areas for savings; enabling outside actors to **build new services which deliver more effective public services**; supporting **collaboration between different government departments**; conducting data analytics to identify patterns and **develop new approaches to more informed policy making** and service delivery; cross linking data between different public agencies to **produce shared content, services and policies**, etc.)

### I2) Has open data had any impact on increasing transparency and accountability in the country?

Please include here your own views and any supporting examples and references of how

open data has contributed to increase the transparency and accountability in the country.

(This could be through **supporting data journalism** which uncovers wasteful spending, corruption or other wrongdoing; creation of applications which allow citizens to **report on their experience of government services**; **scrutiny of government decision making** or **greater citizen engagement in policy making** among others)

### 13) Has open data had any impact on environmental sustainability in the country?

Please include here your own views and any supporting examples and references of how open data has had a noticeable impact on environmental sustainability in the country.

(This could be through enabling greater scrutiny of **pollution impacts, climate change or environmental impacts**; supporting **greater attention to be paid to environmental factors**; **awareness environmental impacts**; make **more efficient use of energy** or **supporting campaigns on environmental issues** among others).

### 14) Has open data had any impact on increasing the inclusion of marginalised groups in policy making and accessing government services?

Please include here your own views and any supporting examples and references of how open data has contributed to increase the inclusion of marginalised groups in policy making and accessing government services.

(This may be on grounds of **age, gender, race, tribe, caste, class, disability, geographic location, and levels of poverty or inequality** in general)

### 15) Has open data had any impact on the economy?

Please include here your own views and any supporting examples and references of how open data has had a noticeable positive impact on the country economy, apart from entrepreneurship which is covered in the following question.

(This may be through supporting existing businesses to **lower their costs** or **become more efficient**, opening a **new market niche**, or supporting **better economic planning** for example)

### 16) Are entrepreneurs successfully using open data to build new businesses in the country?

Please include here your own views and any supporting examples and references of how entrepreneurs are successfully using open data to build new businesses in the country.

(An entrepreneurial use of open data involves a company that **earns revenue** from its products and services, and **use open government data** as a key resource for its business)

### 17) Are there any other relevant open data use cases in the country?

Please include here your own views and any supporting examples and references of **any other successful open data uses cases** in the country where **impact may not be clear yet or that does not belong to any of the sectors in the previous impact questions**.

## SECTION 3: Open Datasets questions

To assess how far open data policies are being implemented the following questions ask you about whether the government makes available data online on a range of different topics in your country, and where the best sources for that data may be.

Below you will find a list of 16 dataset categories (*D3 has intentionally been left blank*), along with their operational definition. **For each dataset in the survey you will need to provide availability details.** Any information on available online data is valid (being open or not). For any of the categories where the data is not available online, please try to explain briefly why if possible.

### D1) Map Data (full coverage of the country)

**A detailed digital political map of the country** provided by a national mapping agency **with key features such as official administrative borders, roads and other important infrastructure.** Please look for **maps of at least a scale of 1:250,000 or better (1cm = 2.5km).**

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

### D2) Land Ownership Data

**A dataset that provides national level information on land ownership, tenure and location.** This will usually be held by a land registration agency and/or national cadaster, and usually relies on the existence of a national land registration database.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data,

the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether the land registration database includes **corporate land ownership** information or not.

#### D4) National Statistics

**Key national statistics including minimal demographic and/or economic indicators** (GDP, unemployment, population, etc), often provided by a National Statistics Agency. **Aggregated data is considered acceptable for this category** for the time being (e.g. GDP for whole country at a quarterly level, or population at an annual level).

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether the data available is **disaggregated by gender**.

#### D5) Detailed government Budget

**National government budget at a high level** (e.g. spending by sector, department, sub-department, etc). Budgets are government plans for government expenditure, (not details of actual expenditure in the past which is covered in the following spend category).

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the

applicable license or terms of use, any existing access fees and any available documentation.

#### D6) Detailed data on government spend

**Records of actual (past) national government spending at a detailed transactional level; at the level of month to month government expenditure on specific items** (usually this means individual records of spending amounts under \$1m or even under \$100k). Note: A database of contracts awarded or similar is not sufficient for this category, which refers to detailed ongoing data on **actual expenditure**.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

#### D7) Company register and information

**A list of registered (limited liability) companies in the country including name, unique identifier and additional information such as address and registered activities.** The data in this category does not need to include detailed financial data such as balance sheet, etc.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether **shareholders and beneficial ownership information** and/or **lobbying register(s)** with information on companies and/or associations representatives at parliamentary bodies are available as well.

### D8) Legislation

**The constitution and laws of a country, including national laws and statutes.** Please detail whether the data source covers all the laws of the country, or only a subset thereof.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether **voting records** and/or **court records** are available as well.

### D9) Public transport timetables

**Details of when (times) and where (stops) public transport services, such as buses and rail services, are expected to operate.** Please provide details for both bus and rail services if applicable. **If no national data is available, please check and provide details related to the capital city** (clearly stating that in your justification as well).

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

### D10) International trade data

**Details of the import and export of specific commodities and/or balance of trade data against other countries.**

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

### **D11) Health sector performance**

**Statistics generated from administrative data that could be used to indicate performance of specific services, or the healthcare system as a whole. Simple lists of health facilities do not qualify as health performance data.** Health performance data might include one or more of:

- Mortality and survival rates;
- Levels of vaccination;
- Levels of access to health care;
- Health care outcomes for particular groups;
- Patient satisfaction with health services;
- Waiting times for medical treatment;
- Spend per admission

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether the data available is **disaggregated by gender**.

### **D12) Primary and secondary education performance data**

**Statistics generated from administrative data that could be used to indicate performance of specific services, or the education system as a whole. Simple lists of schools do not qualify as education performance data.** Performance data might include one or more of:

- Test scores for pupils in national examinations;



- School attendance rates;
- Teacher attendance rates.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether the data available is **disaggregated by gender**.

### **D13) Crime statistics**

**Annual returns on levels of crime and/or detailed crime reports.** Crime statistics can be provided at a variety of levels of granularity, from annual returns on levels of crime, to detailed specific offenses and real-time crime-by-crime reports published online and geolocated, allowing the creation of crime maps.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether the data available is **disaggregated by gender**.

### **D14) Environmental data**

**Data on one or more of: carbon emissions, emission of harmful air pollutants (e.g. carbon monoxides, nitrogen oxides, particulate matter etc.), water quality (e.g. arsenic, fluorides, nitrates, etc.) and deforestation.** Please provide links to sources for each if available.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

#### D15) National election results

**Results by constituency / district for national electoral contests over the last ten years, including registered and invalid votes.** If only partial data is available, please provide details.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

#### D16) Public contracting data

**Details of the contracts issued by the national or federal government. When answering this question please look for sources that provide contract award data and not only requests for bids** (i.e. details of the fact a contract has been put in place) If only solicitation/tenders are available, please note this in your description of the available data.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether **details of all stages of the process** are available: from planning and tender, through to award, contract and implementation .

### D17) Information on public officials

**This must include at least lists of senior officials and/or politically exposed persons (PEPs),** but look also for complete public servant directories when available. **Asset declarations, registers of interests and gifts and hospitality registers** are also considered, covering explicit declarations for politician and public servants.

**Is this data available online from government in any digital format?**

Please provide here a brief description of the data provided and links to where the data can be found, as well as other details such as the agency or agencies responsible for this data, the specific available formats (reusable or not), the expected update frequency, the applicable license or terms of use, any existing access fees and any available documentation.

Please, also indicate whether **asset declarations, registers of interests and/or gifts and/or hospitality registers** are available as well.

### Final Feedback

Are you using the Open Data Barometer data for any purpose? Do you have any suggestion or recommendation on how to improve? Please, tell us how you are currently using the Barometer and how you think it could be a more useful tool for you:

**Your feedback.**

**Thank you for you collaboration!**