Ireland's Open Data Impact Assessment Survey

Fields marked with * are mandatory.

An Roinn Caiteachais Phoiblí agus Athchóirithe
Department of Public
Expenditure and Reform

You are invited to participate in a research project to understand and measure the impact of Ireland's open data.

BACKGROUND

The Department of Public Expenditure and Reform (DPER) has policy responsibility for Ireland's national Open Data initiative. Ireland's Open Data Strategy for 2017-2022 sets out the strategic objective, critical success factors and a plan for the implementation of Open Data policy in Ireland. Increased emphasis is now being put on measuring the impact of open data. Outputs from this project will be used to inform the implementation and continued development of Open Data policy in Ireland and as input to OECD and EC surveys and reports.

Your responses to this survey will help us evaluate the socio-economic impact of Ireland's open data at both micro and macro level.
The survey is brief and will only take about 15 minutes to complete.

VOUNTARY PARTICIPATION & CONFIDENTIALITY

Your participation in the survey is voluntary however, we would be very grateful for your participation and your contribution to advancing open data in the country. Individual responses to this survey will only be used by the Open Data Unit|Government Reform|DPER and will be kept securely. No responses will be attributed to individuals in the analysis of the survey and the identity of respondents will be protected. No personally identifiable information will be associated with your responses to any reports of these data. If at any stage, you wish to end your participation and/or remove your information from this study you can do so by contacting the researcher working on this project at any time.

SHARING AGGREGATE RESULTS

To contribute to a shared learning around open data, aggregate statistics from this survey may be released online during the project and/or when the project is completed. No personally identifying information will be included in this release. The analysis and commentary from this study will be shared on completion under an open license.

CONTACT

If you have questions at any time about the project or the procedures, you may contact the lead researcher of this project, Dr. Fatemeh Ahmadi Zeleti (fatemeh.ahmadizeleti@per.gov.ie)

Thank you very much for your time and cooperation.

☐ I accept your Terms

Contribution

* Please identify your profile

○ I am an individual (I am not affiliated with any public or private organization however, I am involved in open data activities)

○ I am part of an organization (I am affiliated with an organization that uses and/or publishes open data and I am involved in open data activities and/or have a knowledge of open data)

Organization

* Name of the Organization

Website of the Organization

Description of the organization

Text of 10 to 300 characters will be accepted

* Founding year

Please insert full 4 digits/numbers for the year only

4 character(s) maximum

Location

City, County

* Size of the organization

○ 1-10 employees

○ 11-50 employees

○ 51-200 employees

○ 201-1000 employees

○ 1000+ employees

* Type of organization

○ Government/Public sector (Non-profit)

- ○ Private sector - Start-up
- ○ Private sector - Small/Medium Enterprise(SME)
- ○ Private sector - Large Domestic Enterprise
- ○ Private sector - Multinational Corporation
- ○ Developer group
- ○ Academic institution
- ○ Other

Please specify here

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* Economic sector

- ☐ Agriculture, fisheries, forestry, and food
- ☐ Arts, culture and heritage
- ☐ Science, technology, and data
- ☐ Tourism
- ☐ Business, research and consulting
- ☐ Consumer
- ☐ Education and sport
- ☐ Energy and climate
- ☐ Economy, finance, and insurance
- ☐ Governance
- ☐ Health
- ☐ Housing and zoning
- ☐ IT and telecommunication
- ☐ Regions and cities
- ☐ Geospatial
- ☐ Media and communications
- ☐ Justice, legal system, and public safety
- ☐ Mobility/transportation and logistics
- ☐ Other

Number of staff in the organization/unit who work with open data

Please insert digits/number for each year

	2019	2020
Number of Staff		

* What is your role in the organization?

at least 1 choice(s)

- ☐ Director/CEO
- ☐ Business development
- ☐ Finance
- ☐ GIS
- ☐ Head of Department
- ☐ HR/IR

- [ ] IT
- [ ] Management Board
- [ ] Marketing
- [ ] Recruitment
- [ ] Research
- [ ] Sales
- [ ] Other

Please specify here

[   ]

* Your business/work/office email address?

This will be used to keep you up to date on the progress of the research and analysis report

[   ]

Major Open Data Activity

* Are you an open data producer, open data user, or open data facilitator?

- ( ) Producer/Publisher of open data
- ( ) User of open data
- ( ) Both user and publisher of open data
- ( ) Open data facilitator or advocate

Application of Open Data

* What is the main application of open data?

Please select all that apply

- [ ] To make new data products and services
- [ ] For organizational optimization, efficiency, and effectiveness
- [ ] To improve knowledge and capacity building
- [ ] For research, reports, and presentation only
- [ ] For new business opportunity
- [ ] For transparency
- [ ] Advocacy
- [ ] Other

* Please specify here

[   ]

* Please explain your choices for the question above by describing how open data is used

Text of 10 to 500 characters will be accepted

How do users/customers use your open data-driven offerings and benefit from it (what problems your offerings are able to solve)?

Text of 10 to 500 characters will be accepted

Please explain what is unique (your value proposition) about your open data related offerings. Do you address market niche!?

* What open datasets are uses? Please be specific

Please insert in the text box below **name/type** of open datasets that you use. Please **separate your answers with commas**

Text of 10 to 500 characters will be accepted

* Which of the aforementioned open datasets are most valuable to your open data activities? Please be specific

Please insert in the text box below **names/types** of high value open datasets in your organization. Please **separate your answers with commas**

Text of 10 to 500 characters will be accepted

* What open data portals do you explore for datasets (National and International)?

- ☐ Data.gov.ie
- ☐ Data.smartdublin.ie
- ☐ CSO.ie
- ☐ OSI.ie
- ☐ Other

* Please specify here

*

There are many different types of data that government and public sector organizations can release as open data. Which kinds of open data are you interested in working with in the future?

Please select all that apply

- ☐ Statistical data (e.g. performance statistics)
- ☐ Location data (e.g. location of government services)
- ☐ Service data (e.g. details of services provided by government)
- ☐ Real-time data (e.g. buses and trains service updates)
- ☐ Historical/archive data
- ☐ Other

* Please specify here

[   ]

* What open data standards/best practices are used?

Please select all that apply

- ☐ W3C
- ☐ CSO (Central Statistical Office)
- ☐ EC (European Commission)
- ☐ OSI (Ordnance Survey Ireland)
- ☐ ISO
- ☐ HIQA (Health Information And Quality Authority)
- ☐ Dublin Core
- ☐ Other

* Please specify here

[   ]

* What open data tools and technologies are used?

Please select all that apply

- ☐ JSON
- ☐ XML
- ☐ SPARQL
- ☐ Web scripting language (e.g. PHP, Python, Ruby)
- ☐ Visualization tools
- ☐ Statistical software
- ☐ Mapping tools
- ☐ Other

* Please specify here

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Open Data Impact

* As an individual who is involved in open data activities, do you know what <u>Open Data Impact</u> means?

- ○ I know what it means
- ○ I do not know what it means
- ○ I am not sure what I know is correct

* Do you know the meaning or have a formal definition of '<u>Open Data Impact</u>' in your organization?

- ○ I know what it means but, in our organisation, we do not have a formal definition yet
- ○ We have a formal definition set in our organization
- ○ I do NOT know what it means and, in our organization, we do not have a formal definition set yet

If you know the definition yourself or have a formal definition in your organization, could you please define 'Open Data Impact' in the box below?

* Do you think the impact of open data could be assessed/measured?

- ○ Yes, the impact of open data can be assessed/measured
- ○ No, it is not possible to measure the impact of open data
- ○ Not sure

Could you please explain why you think it is impossible or challenging?

* What do you think are the possible indicators to assess/measure the impact of open data in Ireland or in your organization?

Please select all that apply

- ☐ Open data portal data analytics figures
- ☐ Web monitoring figures
- ☐ Community events and programs to incentivise use (open data challenges, training events, seminars, hackathons, etc.)
- ☐ Partnerships and collaborations
- ☐ Impact stories and use cases
- ☐ Datasets flows and cross-domain dataset sharing
- ☐ APIs developed
- ☐ Publicly available open data infrastructures and services
- ☐ Numbers of new open data-driven products and services
- ☐ New employment opportunities
- ☐ New economic opportunities (start-ups, supporting funding schemes, government funds)
- ☐ Revenue generated out of using open data in the organisation
- ☐ Resources saved (time, money)
- ☐ Other indicators

* Please specify here

[ ]

* Could you please indicate which ones of the following public incentives could help open data use and therefore could contribute to maximizing the benefits gained from the use of open data?

Please select all that apply

- ☐ Public fund (through public programmes, open data challenges, etc.)
- ☐ Targeted public incentives and tailored support (participating in events/programmes/ challenges/ hackathon organised by other organisations)
- ☐ Publicising/promoting successful uses of open data
- ☐ Freely available training programmes
- ☐ Open data community engagement events (sector-driven approach where public and private entities work individually)
- ☐ Open data community engagement events (hybrid approach where public and private entities work together)
- ☐ Exciting and interactive visual (visualization) and navigational elements from the Ireland's open data portal
- ☐ Other similar activities

* Please specify here

[ ]

* Can you think of any new initiative that has emerged from the use/production of open data?

Please select all that apply

- ☐ New open data business model
- ☐ New business collaboration
- ☐ New open data products and services
- ☐ New challenges or crowdsourcing programmes
- ☐ New scientific publication
- ☐ Other

* Please specify here

[ ]

How many data related job categories have your organization created?

Please <u>indicate number for each</u> of the category below that apply!

*If **'Other'** is selected, please specify **job category** followed by **number**. <u>**Separate job categories using commas**</u>*

	Number per category
Data Analyst/Data Analytics	
Web Developer	
Researcher	
Journalist	
Blogger	
Policy Maker	
IT Specialist	

Activist	
Entrepreneur	
Designer	
Consultant	
Politician Data specialist	
Open data advocate	
Other, please specify	

* Has the organization generated more revenue in 2020 compared to 2019 out of open data-related activities (use/re-use, publish, facilitate)?

- ◉ Yes, open data activities led to increase in revenue in 2020
- ◉ No, open data activities led to no increase in revenue in 2020
- ◉ We are making almost the same in the two years
- ◉ We are not sure how to measure revenue yet
- ◉ Does not apply (not a revenue generating organization)

* Could you please indicate how do you measure the revenue generated?

- ◉ Direct measure of revenue (earned directly from business activities, e.g. sales of open data products and services)
- ◉ Indirect measure of revenue (earned from sources other than the business activities, e.g. payments through other parties)
- ◉ Both direct and indirect measure of revenue

Could you please briefly explain how?

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* Has the open data-related activities (use/re-use, publish, facilitate) led to new <u>revenue streams</u> and/or <u>cost saving</u> in your organization?

- ◉ Yes, open data activities led to new revenue stream and saving cost in my organization
- ◉ No, open data activities led to no changes in our revenue stream model and cost
- ◉ Not sure

* Do you think your organization's open data-related strategy can effectively support the benefits you wish to have for society?

e.g. alignment between strategy and resources/investing in resources, open data roadmap, open data impact training programs and events, etc.

- ◉ Yes, we are confident that our strategic plans support the expected outcome (benefiting society)
- ◉ No, we are not yet confident that the two are well aligned therefore, we need to work on that further
- ◉ No, we have not yet developed open data strategy for the organization

Motivation to Use/Produce Open Data

*

Thinking about your own personal engagement with open data, how important are the following motivations for working with or using/producing open data?

Please select all that apply

- ☐ Being recognised as the creator of something useful or insightful
- ☐ Building an innovative product
- ☐ Building an innovative service
- ☐ Curiosity
- ☐ Developing the semantic web/linked data web
- ☐ Getting a better understanding of government
- ☐ Identifying and/or generating new revenue streams
- ☐ Learning new data skills
- ☐ Making a difference to my local community
- ☐ Making a profit/generating revenue
- ☐ Making economic impact
- ☐ Making environmental impact
- ☐ Making government more accountable
- ☐ Making government more efficient
- ☐ Making political impact
- ☐ Making social impact
- ☐ Providing a platform for other people to build upon
- ☐ Serving the society or providing a better service to citizens
- ☐ Solving a specific problem
- ☐ Working with exciting and interesting visualization features and generating interesting charts from data

Impact of COVID Data

* Please choose from the list below on how availability of COVID open dataset assists you in business and non-business planning

Please select all that apply

- ☐ Refine business model
- ☐ Refine revenue streams
- ☐ New products and services
- ☐ New tools and technologies
- ☐ Restructure resources
- ☐ Remodel governance
- ☐ Remodel collaboration
- ☐ Remodel customer support
- ☐ Remodel marketing strategy
- ☐ Other

* Please specify here

Could you please explain your choices for the question above?

Text of 10 to 200 characters will be accepted

Consent

* Thank you for participating in the Ireland's Open Data Impacts Assessment Survey. Your inputs are very important, as it contributes to improving Open Data in Ireland. May we contact you via email address provided to follow up on these responses?

　◯ Yes
　◯ No

* Email

Any remarks and suggestions for this research project?

You may also contact the lead researcher on this project via fatemeh.ahmadizeleti@per.gov.ie