







Use of Open Government Data

In the context of the digital transformation of Brazilian public management, this questionnaire aims to obtain an overview of the use of Open Government Data (DGA) in the public administrations of the States and the Federal District. More specifically, understand if, how, and why DGAs are used. According to Open Definition, open data is one that anyone can access, use, modify and share for any purpose. Open Government Data (DGA) is made available by public entities in a machine-readable format, freely accessible for reuse for any purpose, and under an open license for use and reuse in the public and private domains. The research is being developed by the University of Minho (UM) and the University of the United Nations (UNU-EGOV), with the support of the Working Group for Digital Transformation of the State and District Governments of Brazil (GTD.GOV) linked to the National Council of Secretaries of State of Administration (CONSAD) and the Brazilian Association of State ICT Entities (ABEP-TIC).

The answers given throughout the questionnaire will be kept confidential, being only known by the elements of the intervening entities UM, UNU-EGOV, and GTD.GOV who are part of the work team involved in conducting the study. The data obtained, after being processed, will be published by hiding personal data or any other identifying elements.

Please note that at any time the questionnaire response process can be interrupted and resumed later from where it was, without any loss of the answers already given. In this case, the system requests that a name and password be set that must be informed when resuming the response process.

During the survey response process, you can navigate through the various pages using the [Previous] and [Next] links.

If you are prepared to start taking the survey, please select [Next].

There are 39 questions in this survey.

Respondent profile

Name and email information are optional. They are requested only to allow researchers to clarify questions that might arise during data analysis or better understand the information provided.

Name:	
ivaille.	
Please write	our answer here:
E-mail:	
Please write	our answer here:









Age * Please choose only one of the following: C Less than 25 years Between 25 and 39 years Between 40 and 54 years O Equal or more than 55 years Gender * Please choose only one of the following: O Female ○ Male O Do not want to inform Which public institution/agency do you work for? * Please write your answer here:









State * Please choose only one of the following: O Acre Alagoas Amapá Amazonas O Bahia Ceará O Distrito Federal Espírito Santo ○ Goiás Maranhão Mato Grosso Mato Grosso do Sul Minas Gerais O Pará O Paraíba Paraná Pernambuco O Piauí Rio de Janeiro Rio Grande do Norte Rio Grande do Sul Rondônia Roraima Santa Catarina São Paulo Sergipe Tocantins









Covernment Data (OCD) is used

low Open Government Data (OGD) is used
Is Open Government Data (OGD) used internally at your institution/agency? * Please choose only one of the following:
○ Yes ○ No
I don't know This study focuses on the internal or intra-governmental use of Open Government Data. For example, some open datasets published by my institution and other departments have been combined and are used in an urban transportation planning application developed by the Transportation Department
What is Open Government Data (OGD) used for internally?
Only answer this question if the following conditions are met: Answer was "Yes" at question "7 [Q100]" (Is Open Government Data (OGD) used internally at your institution/agency?)
Please choose all that apply:
Data analysis (analyses, forecasts, estimates, simulations, models) Support environmental management (quality and level of water pollution)Apoiar a gestão do meio ambiente (qualidade e nível de poluição da água) Support emergencies (fires, floods) management and prevention Support accountability
Support decision-making Support government operations management (fleet, energy consumption, water, gas)
Increase (administrative, legal, legislative) procedures transparency
Increase the efficiency of service delivery changes Co-create products and services
Combine, connect, and/or create new datasets
Create/improve public services
Develop web, mobile applications
Develop/improve other products/melhorar outros produtos
Develop/improve visualizations (maps, location, dashboards) Services digitalization
Inform public policies development
Inform planning
Promote systems interoperability
Provide better access to public services









Are Open Government Data (OGD) used for other purposes? Which? Only answer this question if the following conditions are met: Answer was "Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?) Please write your answer here: What are the categories of Open Government Data (OGD) used at your institution? Only answer this question if the following conditions are met: Answer was "Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?) Please choose all that apply: Procurement Crime Public expenditure Education National statistics (demographic, economic indicators) Financial Expenditure Geospatial (location - ZIP code and corresponding latitude and longitude coordinates, maps) Infrastructure Justice and security (prosecutions, crimes) Legislative (laws, bills) Environment (air or water quality, climate, pollution) Budget Planning Territorial property Business registration Elections (results, candidates) Health Traffic Transportation









Are there other OGD categories used at your workplace?	
Only answer this question if the following conditions are met: Answer was 'Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)	
Please write your answer here:	
What are the institutions/agencies that provide OGD used at your workplace? *	
What are the institutions/agencies that provide OGD used at your workplace? * Only answer this question if the following conditions are met: Answer was 'Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)	
Only answer this question if the following conditions are met:	
Only answer this question if the following conditions are met: Answer was "Yes" at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)	
Only answer this question if the following conditions are met: Answer was "Yes" at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)	
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Only answer this question if the following conditions are met: Answer was "Yes" at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)	
Only answer this question if the following conditions are met: Answer was "Yes" at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)	









Why isn't Open Government Data (OGD) used in your institution? *
Only answer this question if the following conditions are met: Answer was 'No' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)
Please choose all that apply:
There is no government/legal mandate to use OGD
No need to use OGD
I don't know OGD
Are there other reasons Open Government Data is not used in your institution?
Only answer this question if the following conditions are met: Answer was 'No' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)
Please write your answer here:
Please write your answer riere.
Could this guestionneirs be cent to semeste close? If so please indicate this person's small in the comments field *
Could this questionnaire be sent to someone else? If so, please indicate this person's email in the comments field. *
Only answer this question if the following conditions are met: Answer was 'I don't know' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)
Please choose only one of the following:
○ Sim
○ Não
Make a comment on your choice here:



for solving problems







Benefits of using Open Government Data (OGD)

We listed below some benefits of using Open Government Data reported in the literature. They were grouped in economic and financial, political and social, and operational and technical. Please select all that apply to your work context.

What are the economic benefits of using Open Government Data? * Only answer this question if the following conditions are met: Answer was 'Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?) Please choose the appropriate response for each item:										
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree					
Increased administrative efficiency	0	0	0	0	0					
Offer of improved processes, products, and services	0	0	0	0	0					
Reduced operating costs	0	0	0	0	0					
Gained access to external capacity and resources	0	0	0	0	0					









What are the political and social benefits of using Open Government Data?

Only answer this question if the following conditions are met:

Answer was "Yes" at question "7 [Q100]" (Is Open Government Data (OGD) used internally at your institution/agency?)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Promotion of the principles and philosophy of Open Government	0	0	0	0	0
Increased transparency	0	0	0	0	0
Increased social control	0	0	0	0	0
Increased civic participation and public engagement	0	0	0	0	0
More informed citizens	0	0	0	0	0
Increased intra-governmental confidence	0	0	0	0	0
More efficient accountability	0	0	0	0	0
Gained new knowledge and insights into the public sector	0	0	0	0	0









What are the technical and operational benefits realized by the use of Open Government Data?

Only answer this question if the following conditions are met: Answer was "Yes" at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Development of improved public policies	0	0	0	0	0
Increased intra-governmental collaboration	0	0	0	0	0
New processes, products, and services developed	0	0	0	0	0
Improved processes	0	0	0	0	0
Improved data management	0	0	0	0	0
Improved access to public services	0	0	0	0	0
Increased efficiency in making changes in service delivery	0	0	0	0	0
Decision-making process more informed	0	0	0	0	0
Innovation support processes deployed	0	0	0	0	0
Increased problem-solving capacity	0	0	0	0	0
Use of collective intelligence to solve public problem	0	0	0	0	0









Are there other benefits promoted by the use of Open Government Data at your workplace? Only answer this question if the following conditions are met: Answer was "Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?) Please write your answer here: Could the use of Open Government Data (OGD) have negative effects or impacts (perceived or actual) on your institution? And on Government? Only answer this question if the following conditions are met: Answer was "Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?) Please write your answer here:







Barriers to Open Government Data (OGD) use

sted below some barriers to Open Government Data (OGD) use reported in the literature. They were grouped in cultural; economic and financial; police and legal; political and social; nizational and institutional; and operational and technical. Please select all that apply to your work context.					
What are the cultural barriers that hi		ernment Data use	?		
Only answer this question if the following conditions are m Answer was 'Yes' at question '7 [Q100]' (Is Open Government)		rnally at your institution/ag	ency?)		
Please choose the appropriate response for each item:					
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
A administração e os gestores públicos não sabem o que são os dados abertos	0	0	0	0	0
Ausência de cultura organizacional favorável ao uso de dados abertos	0	0	0	0	0
What are the economic and financia * Only answer this question if the following conditions are m Answer was 'Yes' at question '7 [Q100]' (Is Open Government)	et:			?	
Please choose the appropriate response for each item:	2010 (000) 0000 1110	y ar your manager	, . ,		
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
There is no budget, no financial resources to use open data	0	0	0	0	0
Cost to hire people able to use open data is very high	0	0	0	0	0









What are the legal and public policy-related barriers that hinder Open Government Data use?

Only answer this	question if the	following	conditions are met:

Answer was 'Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)

Please choose the appropriate response for each item:

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Open data policy is inadequate or/and doesn't exist	0	0	0	0	0
Open data use laws are inadequate or lacking	0	0	0	0	0
Open data use standards and guidelines are inadequate or/and don't exist	0	0	0	0	0
Use license does not exist, or unclear, or restrict use	0	0	0	0	0

What are the organizational and/or institutional barriers that hinder Open Government Data use?

Only answer this question if the following conditions are met:

Answer was "Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Benefits and impacts of using open data are unclear	0	0	0	0	0
No support for innovation	0	0	0	0	0
The organizational structure does not support the use of open data	0	0	0	0	0
The organization does not have the organizational capabilities, routines, and processes to use the data	0	0	0	0	0
There are no human resources with the knowledge, skills and/or capabilities to use open data	0	0	0	0	0
There is no definition of competencies for the use of open data	0	0	0	0	0
Lack of non-financial resources (time, equipment, etc.) to use open data	0	0	0	0	0









What are the technical and operational barriers that hinder Open Government Data use?

Only answer this question if the following conditions are met:

Answer was "Yes" at question "7 [Q100]" (Is Open Government Data (OGD) used internally at your institution/agency?)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
There is no centralized portal or open data infrastructure	0	0	0	0	0
Difficulty in discovering/locating data	0	0	0	0	0
Data availability issues	0	0	0	0	0
Data accessibility issues	0	0	0	0	0
Poor data quality (incomplete, inaccurate, obsolete, and/or inconsistent)	0	0	0	0	0
Low data usability (fragmented data, no default for open data, file-owning format)	0	0	0	0	0
Data is not compatible and cannot be compared	0	0	0	0	0
Data cannot be combined and connected	0	0	0	0	0
Data is not sustained or maintained	0	0	0	0	0
Data sources are unreliable	0	0	0	0	0
Results obtained from different sources differ	0	0	0	0	0
Uploading data is not supported	0	0	0	0	0
No processing power	0	0	0	0	0
Lack of proper tools to manipulate data	0	0	0	0	0
Lack of support for tools or help desk	0	0	0	0	0
Difficulties to interact with the data provider	0	0	0	0	0









Are there other real or potential barriers that prevent or hinder the use of Open Government Data in your work context?
Only answer this question if the following conditions are met: Answer was "Yes" at question "7 [Q100]" (Is Open Government Data (OGD) used internally at your institution/agency?)
Please write your answer here:









Enablers of Open Government Data (OGD) use

What are the cultural factors that factors that factors that factors that factors that factors are in the following conditions are in the factor of the fact	met:		·	nent Data?	
	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Organizational culture enables the use of open data	0	0	0	0	0
Existence of cooperative work culture	0	0	0	0	0
What are the economic and financial of the following conditions are not considered as a function of the following conditions are not considered as a function of [Q100] (Is Open Govern Please choose the appropriate response for each item:	met:			ernment Data	use?
nly answer this question if the following conditions are in nswer was 'Yes' at question '7 [Q100]' (Is Open Govern	met:			vernment Data	use? Strongly agree









What are the public policy and legal factors that facilitate, enable, or allow Open Government Data use?

Only answer this question if the following conditions are met:

Answer was "Yes" at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)

Please choose	he appropriate response f	for each item:

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Public open data policy exists	0	0	0	0	0
Laws governing the use of open data exist	0	0	0	0	0
Regulations and open data standards exist	0	0	0	0	0
There is legal compliance pressure	0	0	0	0	0

What are the organizational and/or institutional factors that facilitate, enable, or allow Open Government Data use?

Only answer this question if the following conditions are met:

Answer was "Yes" at question "7 [Q100]" (Is Open Government Data (OGD) used internally at your institution/agency?)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
The Administration promotes and internally discloses the use of open data	0	0	0	0	0
There have been changes in the organizational structure to support open data	0	0	0	0	0
The organization has the ability to digitize	0	0	0	0	0
Managers are motivated to use open data	0	0	0	0	0









What are the political and social factors that facilitate, enable, or allow Open Government Data use?

Only answer this question if the following conditions are met:

Answer was "Yes" at question "7 [Q100]" (Is Open Government Data (OGD) used internally at your institution/agency?)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Political leadership committed to the use of open data	0	0	0	0	0
Management and public managers are aware of the existence of open data	0	0	0	0	0
External stakeholders (international bodies, journalists) disseminate and promote the use of open data	0	0	0	0	0









What are the operational and technical factors that facilitate, enable, or allow Open Government Data use?

•
Only answer this question if the following conditions are met:
Answer was "Ves" at question "7 (O1001" /Is Onen Grupment Data (OGD) used internally at your institution/agency/2 \

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree		
There are open data portal and infrastructure	0	0	0	0	0		
Case studies and examples are available in the Open Data Portal	0	0	0	0	0		
Portal provides facilities for searching/searching for open data	0	0	0	0	0		
High-quality data is available	0	0	0	0	0		
Metadata is provided with the data	0	0	0	0	0		
Data do not violate privacy laws	0	0	0	0	0		
Data are improved	0	0	0	0	0		
Data are maintained	0	0	0	0	0		
Tools and mechanisms to work with open data are available	0	0	0 0		0		
The use of the data is monitored	0	0	0	0	0		
There are public/private partnerships that support the use of open data	0	0	0	0	0		

Are there other	real or	potential	factors	that fac	ilitate,	enable,	or all	ow Oper	Governme	ent Data	use	in you	ur work
context?													

Only answer this question if the following conditions are met:
Answer was 'Yes' at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)
Please write your answer here:

- (
- 1	
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Drivers of Open Government Data (OGD) use

Disagree	Neutral	Agree	Strongly agree
Disagree		Agree	Strongly agree
0	Neutral O	Agree	Strongly agree
0	Neutral O	Agree	Strongly agree
0	0 0	0	0 0
0	0	0	0
0	0	0	0
		_	
Open Governme			
	Neutral	Acres	Strongly agree
Dieggree	Neutrai	Agree	accordingly agree
	e Disagree	e Disagree Neutral	e Disagree Neutral Agree







What are the technical and	operational factor	s that drive Oper	Government Data use?
*			

Only answer this question if the following conditions are met:

Answer was "Yes" at question '7 [Q100]' (Is Open Government Data (OGD) used internally at your institution/agency?)

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
Existence of historical data	0	0	0	0	0
Data are available in user-friendly formats	0	0	0	0	0

Are there other real or potential factors that drive the use of Open Government Data in your work context?
Only answer this question if the following conditions are met: Answer was "Yes" at question "7 [Q100]" (Is Open Government Data (OGD) used internally at your institution/agency?)
Please write your answer here:









Final Considerations

Tindi Considerations
Would you like to make any general comments about using Open Government Data? Please write your answer here:
The intervening entities UM, UNU-EGOV, GTD.GOV would like to thank you for the time spent answering this questionnaire. To make the process more transparent, the research team will send a final version of the results of this study to your institution. Thank you so much for your participation!
If you would like more information about our public sector open data usage survey or view the results of this survey, please visit our website or copy and paste the address in your browser: https://ikawashi.wixsite.com/phdresearch?lang=pt
09.07.2021 – 16:17
Submit your survey.
Thank you for completing this survey.