

Dear Contributor,

We would like to invite you to participate in the joint data collection effort of the World Bank's [Digital Business Indicators](#) project and the [World Development Report 2021](#) team. Inspired by the *Doing Business* report, the *Digital Business Indicators* initiative seeks to develop a benchmarking tool to measure the regulatory environment for the digital economy in 80 countries. The data will be featured in the upcoming *World Development Report 2021* report, which will be the first World Bank flagship report on the role of Data for Development.

The purpose of the questionnaire below is to collect data on the regulatory framework underpinning different aspects of the digital economy. The data from your country will be compiled, analyzed, and benchmarked against 79 other pilot countries. We are honored to be able to count on your expertise.

We ask that you kindly complete as much of the questionnaire as possible. If you are unable to answer a particular question, but know of an individual or agency that might have access to that information, we ask that you provide us with the name and contact information (phone or e-mail) of that person or agency. Please make sure to complete the section on the contributor's information so that we can acknowledge your participation.

In responding to this questionnaire, please note the following:

- All your responses are held in strict confidentiality. The final report is based on an analysis of all received responses to the questionnaire.
- Ensure that answers provided are accurate as of March 30, 2020. If you are aware of any upcoming changes to regulations or policies from now until December 31, 2020, please include this information in your response.
- Please provide a copy of the relevant laws, regulations and fee schedules, or a link to the appropriate website(s).

If you have any questions or need assistance with the questionnaire, please do not hesitate to contact us using the details provided below. We would be happy to schedule a phone call at your convenience. We thank you in advance for your valuable contribution to the work of the World Bank Group.

We reiterate our sincere appreciation for your participation and invite you to contact us regarding any questions or comments you may have.

We kindly request that, if possible, you complete and submit the survey by **April 17th, 2020**.

Primary Contributor Information: Please check the box next to information you do not want us to publish:

	Name		
Do not publish <input type="checkbox"/>	Title (Mr., Ms., Dr.)	[]	[]
	First Name	[]	[]
	Last Name	[]	[]
<i>Never Published</i>	Position <i>(e.g. manager, associate, partner)</i>	[]	[]
	Profession <i>(e.g. judge, lawyer, architect)</i>	[]	[]
	Contact details		
Do not publish <input type="checkbox"/>	Firm name	[]	[]
	Website	[]	[]
Do not publish <input type="checkbox"/>	E-mail address	[]	[]
Do not publish <input type="checkbox"/>	Phone	[]	[]
<i>Never Published</i>	Fax	[]	[]
	Mobile phone	[]	[]
Do not publish <input type="checkbox"/>	Firm Address		
Street	[]	P.O. Box	[]
City	[]	State/ Province	[]
Zip/Postal code	[]	Country	[]

Additional Contributor(s): If there are more people whom you would like us to acknowledge, kindly send us an e-mail.

Name	Occupation	Email	Phone	Address
[title] [first name] [last name]	[firm] [position] [profession]	[]	[phone] [mobile]	[street] [state/province] [city/country]
[title] [first name] [last name]	[firm] [position] [profession]	[]	[phone] [mobile]	[street] [state/province] [city/country]

Referrals: Please help us expand our list of contributors by referring us to other experts in the private or public sector (lawyers, public officials or any expert on this field) who can respond to the questionnaire.

First name	Last name	Position	Firm	Address	Phone	E-mail
[]	[]	[]	[]	[]	[]	[]
[]	[]	[]	[]	[]	[]	[]

Please indicate the jurisdiction/country you are commenting on: Choose an item. We invite you with gratitude to complete more than one questionnaire if you have expertise in more than one jurisdiction/country.

Please provide answers based on national laws/regulations/policies unless indicated differently in the questions.

A. Safeguard rights in data flows and the (re)use of data

The following section focuses on legal requirements that protect fundamental rights in personal/mixed/sensitive data and commercial rights in non-personal data. Issues covered include data protection, cybersecurity/cybercrime, cross-border data flows and intermediary liability.

1. Legal basis for data protection	
Is there a data protection/privacy law of general application explicitly governing the use, collection, and processing of governing personal data (including sensitive data) and PII ("personal data")?	<input type="checkbox"/> Yes, there is a data protection law of general application governing personal data, PII and sensitive data; please specify <input type="checkbox"/> No, there are only sector-specific personal data protection and/or privacy laws; please specify <input type="checkbox"/> No, there are privacy and/or data protection rights protected in the country's constitution <input type="checkbox"/> No, no laws exist but there have been significant court or administrative decisions that form the basis of or clarify privacy or data protection rights
Personal data protection/privacy	
2. Lawfulness	
Does any law or regulation require that the collection and use of personal data be done on any of the following lawful bases?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> collection undertaken with consent <input type="checkbox"/> due to contractual necessity <input type="checkbox"/> in compliance with legal obligation <input type="checkbox"/> for the protection of vital interests <input type="checkbox"/> the public interest and/or <input type="checkbox"/> other legitimate interest (or similar standards) ¹
3. Exceptions to limitations on data collection, processing and transfer	
Does the relevant law/regulation provide exceptions to limitations on the collection or processing of data by government?	<input type="checkbox"/> Yes <input type="checkbox"/> No (If No, please skip to question 4) If yes, please specify the relevant legal basis (law/regulation, article etc.):
Are these exceptions subject to a "necessary and proportionate" test to determine whether the exception is legitimately applied?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
4. Consent	
What are the legal grounds under which "consent" is deemed "legitimate"?	Please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Consent must be freely given ² <input type="checkbox"/> Consent must be informed ³ <input type="checkbox"/> Consent must be non-ambiguous <input type="checkbox"/> Consent must be specific
5. Purpose limitation, proportionality, data minimization	
Does any law or regulation require that the collection and use of personal data be made for a stated purpose (or similar standard)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
Does any law or regulation require that the collection and use of personal data be proportionate, relevant, adequate and limited to what is necessary in relation to the purpose for which it is processed (or similar standard)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
6. Data quality	

¹ Includes case of mixed data/re-use as part of algorithms or for purposes other than the original collection.

² Consent cannot be considered as freely given if the data subject has no genuine or free choice or is unable to refuse or withdraw consent without detriment.

³ Informed Consent includes, at a minimum, that the identity of the data controller/processor and the purpose of the processing for which the data are intended.

Does any law or regulation require that the collection and use of personal data be accurate, complete and up to date (or similar standard)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
7. Accountability	
Does any law or regulation require that persons or entities collecting and using personal data take responsibility for and be capable of demonstrating compliance with applicable data protection requirements?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
8. Sensitive personal data	
Does any law or regulation require additional protections for collection and use of sensitive personal data (e.g., information relating to race, ethnicity, religion, political beliefs, sexual orientation, health, etc.)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
9. Storage limitations	
Does any law or regulation require that personal data not be kept longer than is necessary for the purposes for which it is processed (or similar standard)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
10. Privacy by design	
Does any policy, law or regulation require data processors to incorporate technical and organizational privacy-by-design or privacy-by-default principles or use privacy-enhancing technologies (PETs) in the design and implementation of processing systems?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
Does the data protection regime rely on self-assessment / certification schemes, or corporate policies, for access, use and transfer of personal data?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
11. Limitations on data sharing	
Do any laws, regulations or policies authorize, restrict or otherwise address sharing of personal data with third parties?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, does such law, regulation or policy require that the individual be notified of or give consent to such transfer? Please specify the relevant legal basis (law/regulation, article etc.):
Are there exceptions to limitations on the sharing of personal data for national security or law enforcement (or other reasons)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
Intermediary liability	
12. Definition of liability	
Are communications intermediaries (telecommunications and platform providers) liable for content carried/published by third parties on their networks/platforms?	<input type="checkbox"/> Yes <input type="checkbox"/> No (If No, please skip to question 14) Please specify the relevant legal basis (law/regulation, article etc.):
13. Scope of liability	
Does the liability extend to "notice and take down" rules (obligation to take down content)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
Does the law or regulation explicitly provide a mechanism that exempts online intermediaries from, or reduces their liability (safe harbor exception)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
14. Due process	
Is an order from a judicial authority needed for online intermediaries to forcibly take down content related to the following aspects? (check all that applies)	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Criminal offenses (<i>lèse majesté; libel; etc.</i>) <input type="checkbox"/> Intellectual property violations
Individual rights	
15. Right to be notified of a data breach	
Do individuals have the right to be notified in a timely manner, when the security of their data or their data rights have been breached during processing?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
16. Right to access and review use of personal data	

Do individuals have the right to access and review use of personal data about them held by data controllers/processors?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify under which conditions and the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Unconditional full data access <input type="checkbox"/> Unconditional access to limited categories of data (e.g. categories of personal data, purposes of data processing, etc.) <input type="checkbox"/> Conditional limited data access
17. Right to challenge accuracy and to rectification of personal data	
Do individuals have the right to challenge the accuracy of information and have it rectified, completed, amended and/or deleted?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
18. Right to withdraw consent to data processing	
Do individuals have the right to withdraw his or her consent at any time?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
19. Right to deletion of personal data ("right to be forgotten")	
Do individuals have the right to have personal data about them (including data trails) deleted?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify under which conditions and the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> All personal data, unconditionally <input type="checkbox"/> All personal data, under certain conditions <input type="checkbox"/> Depends on the type of data (please specify): <input type="checkbox"/> Other:
20. Automated decisions	
Are there rights to limit the making of decisions about individuals solely as a result of automated processing of personal data (i.e. without any human intervention)?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
21. Redress	
Do individuals have a right to object to the use of personal data about them, file complaints and seek redress?	<input type="checkbox"/> Yes <input type="checkbox"/> No (If No, please skip to question 22) Please specify the relevant legal basis (law/regulation, article etc.):
What entities are responsible for receiving such objections and complaints, conducting investigations and applying remedies?	Please specify:
Are redress mechanisms available through Alternative Dispute Resolution as an alternative to judicial review?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
22. Institutional arrangements to enforce personal data protection	
Does the law/regulation provide for the creation of a data protection authority/office (DPA/DPO)?	<input type="checkbox"/> Yes <input type="checkbox"/> No (If No, please skip to question 23) Please specify the relevant legal basis (law/regulation, article etc.):
Does the law require DPA's mandate include the following roles and responsibilities?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Promote awareness of the risks, rules and safeguards of rights pertaining to personal data <input type="checkbox"/> Provide guidance on the interpretation of the law or regulation <input type="checkbox"/> Encourage the creation of codes of conduct and review certifications <input type="checkbox"/> Enforce national data protection rights and obligations enshrined under the law or regulation <input type="checkbox"/> Keep records of sanctions and enforcement actions <input type="checkbox"/> Regularly publish activity reports <input type="checkbox"/> Provide redress mechanism
Safeguards specific to non-personal data	
23. Intellectual Property Rights	
Can intellectual property rights be used to prevent the sharing of data?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
24. Net Neutrality	

Does any policy, law or regulation grant communications network service providers the ability to restrict data traffic on their network?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
Cybersecurity and cybercrime	
25. Data security	
Do data processors/controllers have to comply with the following security requirements for the automated processing of personal data? Please check all that apply:	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark as appropriate below and provide the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Encryption of personal data <input type="checkbox"/> Anonymization/ pseudonymization of personal data <input type="checkbox"/> Integrity of data and systems that use or generate personal data <input type="checkbox"/> Ability to restore data and systems that use or generate personal data after a physical or technical incident <input type="checkbox"/> Ongoing tests, assessments and evaluation of security of systems that use or generate personal data
26. Internal adoption of cybersecurity standards	
Do data processors/controllers have to comply with the following cybersecurity requirements? Please check all that apply:	<input type="checkbox"/> Adoption of an internal policy establishing procedures for preventing and detecting violations <input type="checkbox"/> Confidentiality of data and systems that use or generate personal data <input type="checkbox"/> Appointment of a personal data processing office/manager <input type="checkbox"/> Performance of internal controls <input type="checkbox"/> Assessment of the harm that might be caused by a data breach <input type="checkbox"/> Awareness program among employees Please specify the relevant legal basis (law/regulation, article etc.):
27. Cybercrime: criminalized activities	
Does any law criminalize the following activities? Please check all that are applicable:	<input type="checkbox"/> Unauthorized access to systems or other databases holding personal data <input type="checkbox"/> Unauthorized interception of data from systems or other databases holding personal data <input type="checkbox"/> Unauthorized damaging deletion, deterioration, alteration or suppression of data collected or stored as part of databases holding personal data <input type="checkbox"/> Unauthorized interference with databases holding personal data <input type="checkbox"/> Misuse of devices or data for the purpose of committing any of the above criminal behavior <input type="checkbox"/> Unauthorized input, alteration, deletion or interference with a computer system or platform to procure an economic benefit which would apply to databases holding personal data <input type="checkbox"/> Fraudulent use or alteration of data or interference with a computer system to procure an economic benefit which would apply to databases holding personal data Please specify the relevant legal basis (law/regulation, article etc.):
28. Cybersecurity infrastructure and enforcement agency (CERT)	
Does any law, regulation or policy provide for the creation of a cyber-security strategy, infrastructure and institutions to identify, investigate, and address cyber-security threats?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> A cyber-security plan to protect key national infrastructure <input type="checkbox"/> A national CERT
Cross-border data flows	
29. Data localization/local processing	
Do any laws, regulations or policies require personal data to be stored within the country?	<input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
Do any laws, regulations or policies restrict the transfer of personal data outside the country?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, does such law require that controllers file a security assessment with the authority prior to transferring personal data abroad? <input type="checkbox"/> Yes <input type="checkbox"/> No

	<p>If yes, must a copy of the data be stored domestically when data is transferred abroad? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Please specify the relevant legal basis (law/regulation, article etc.):</p>
30. Adequacy and mutual recognition arrangements	
<p>Under what conditions can local personal data be transferred to non-domestic third parties?</p>	<p><input type="checkbox"/> Adequacy approach <input type="checkbox"/> Accountability approach Please specify the relevant legal basis (law/regulation, article etc.):</p>
<p>Does the country have arrangements with foreign countries or multinational entities or schemes, including decisions of domestic and foreign bodies or agencies, to require, permit or limit transfers of personal data between countries? Please check all that apply:</p>	<p><input type="checkbox"/> adequacy decisions/ whitelists <input type="checkbox"/> binding corporate rules <input type="checkbox"/> mutual recognition arrangements <input type="checkbox"/> required information sharing through the Advance Passenger Information System <input type="checkbox"/> treaties <input type="checkbox"/> self-certification/self-assessment under a specific agreement <input type="checkbox"/> standard contractual clauses Please specify the relevant legal basis (law/regulation, article etc.):</p>
<p>If the regime requires an “adequacy” or similar mechanism, what circumstances constitute an “adequate level of protection” when transferring personal data internationally? Please check all that apply:</p>	<p><input type="checkbox"/> The nature of the personal data <input type="checkbox"/> The country of origin of the information contained in the data <input type="checkbox"/> The country of destination <input type="checkbox"/> The purposes for which and period during which the data are intended to be processed <input type="checkbox"/> The domestic law in force in the host country (general and sectoral, including defense and access of public authorities to personal data) <input type="checkbox"/> The existence and effective functioning of one or more independent supervisory authorities in the third country to enforce compliance <input type="checkbox"/> Presence of effective rule of law and judicial redress for data subjects <input type="checkbox"/> The international treaties the host country is a party to <input type="checkbox"/> Relevant codes of conduct or other rules enforceable in the host country (SCCs; BCRs) <input type="checkbox"/> Other, please specify:</p>
31. Regional integration and harmonization	
<p>Is there a " One Stop Shop" Agency" (e.g. Data Protection Agency) to harmonize processing of decisions and regulatory enforcement?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):</p>

B. Enable data transactions/flows and the (re)use of data
The following section focuses on legal requirements related to e-signature, data portability, interoperability, digital ID system, open data and other mechanisms to enable and promote the use, reuse and sharing of public and private sector data.

32. Legal basis for e-commerce/transactions	
<p>Is there a law or regulation that explicitly governs e-commerce/e-transactions?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):</p>
33. Legal (functional) equivalence	
<p>Does any law include provisions that grant legal (functional) equivalence between paper-based and electronic communications, contracts, signatures and records?</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.):</p> <p><input type="checkbox"/> Electronic communications/ messages <input type="checkbox"/> Electronic contracts <input type="checkbox"/> Electronic signatures <input type="checkbox"/> E-evidence <input type="checkbox"/> E-seal</p>

34. E-Signature	
What types of electronic signatures are legally recognized in your country?	Please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> All legal signatures <input type="checkbox"/> Only digital signatures (e.g. PKI)
35. Exceptions to e-signature	
Are there any documents that <u>cannot be</u> legally accepted in electronic format and cannot be signed electronically?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Property deeds and other contracts for the lease or sale of immoveable property <input type="checkbox"/> Wills or codicils <input type="checkbox"/> Documents pertaining to family law <input type="checkbox"/> Other, please specify:
36. Certification authority (CA) for digital signatures	
Have any certificates been issued for digital signatures (PKI)?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Which entities are authorized to issue digital certificates?	<input type="checkbox"/> Only public entities, please specify name <input type="checkbox"/> Both Public and private entities Please specify the relevant legal basis (law/regulation, article etc.):
Have any licenses been issued for private CAs?	<input type="checkbox"/> Yes. If yes, please provide examples of private certification authorities <input type="checkbox"/> No
37. Technological neutrality	
Does the law or regulations prescribe a specific form or condition for any of the following:	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Electronic communications/ messages <input type="checkbox"/> Electronic contracts <input type="checkbox"/> Electronic signatures
38. Data portability	
Do individuals have the right to request that a controller transfer their personal data to another service or product provider?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Do individuals have the right to obtain their data processed by a controller in a structured, commonly used and machine-readable format?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Do provisions on portability include guidance on the following aspects:	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Format of the data, please specify: <input type="checkbox"/> Frequency with which data can be requested, please specify: <input type="checkbox"/> How quickly it must be provided by the authorized entity, please specify:
Does the right to data portability apply to the following categories of data?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Volunteered data created and explicitly shared by individuals (e.g. social network profiles) <input type="checkbox"/> Observed data captured by recording the actions of individuals (e.g. location data when using cell phones) <input type="checkbox"/> Inferred Data based on an analysis of volunteered or observed information (e.g. credit scores)
Does the law/regulation mandating data portability provide for any exceptions for small-medium enterprises (SMEs)?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, what are the exceptions (e.g. a proposed data protection agency would contain exceptions for small firms):

	Please specify the relevant legal basis (law/regulation, article etc.):
39. Use, reuse, and sharing of public sector data	
Is there a government operated data sharing platform?	<input type="checkbox"/> Yes, please provide the name or link , and the time it became operational <input type="checkbox"/> No
What are the features of the government operated data sharing platform? Please check all that apply:	<input type="checkbox"/> Based on an open source or a proprietary solution <input type="checkbox"/> All government agencies are connected to the platform <input type="checkbox"/> Accessible to/by private sector entities
Are governmental/official entities mandated to use common technical standards (e.g. "FAIR") ⁴ that enable interoperability of systems, registries, data bases?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Established standards for open APIs for G2G/G2B/G2C services <input type="checkbox"/> Mandated "ask once" principle <input type="checkbox"/> Standardized communications protocol for accessing metadata <input type="checkbox"/> Semantic catalogues for data and metadata
Is there a body responsible for setting (or reviewing) technical, security, and privacy standards and guidelines that government entities abide by in order to make their systems interoperable?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, what is the composition of this body? (Please include relevant URL link to website):
40. Primary ID system	
What is the primary identity document/number ('ID') that people use to identify themselves? (E.g., national ID)	Please provide the name of the ID:
(Please answer questions 41 and 42 as they apply to the Primary ID system named above)	
41. ID credential	
Does the primary ID system issue a unique, personal identity number? (i.e. a number linked to the ID holder)	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, is this ID number used across multiple government databases (e.g., health, tax, social protection) to link records to an individual? <input type="checkbox"/> Yes <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
42. ID data verification	
Can public sector service providers digitally verify or authenticate the identity of a person against data stored in the ID system ⁵ ?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Can private sector service providers digitally verify or authenticate the identity of a person against data stored in the ID system?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
43. Digital ID system for online service access	
Is there a digital ID system that enables individuals to authenticate themselves online to access governmental services? (E.g., e-tax filing, online benefits application)	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide us with the name of the system and specify the relevant legal basis (law/regulation, article etc.):
44. Interoperability of data	
Are there standards regarding data re-use, such as "high value data sets" or "public good" data?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Available free of charge <input type="checkbox"/> In machine readable formats <input type="checkbox"/> Provided via APIs <input type="checkbox"/> Where relevant (as bulk download)
Are there mandatory provisions on interoperability of data in place in these regimes?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the type of interoperability and the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Protocol interoperability (Syntactic) <input type="checkbox"/> Data interoperability (Semantic)

⁴ Findable, Accessible, Interoperable, Re-usable.

⁵ Such verification or authentication may involve, inter alia, querying the ID database using a person's ID number to verify personal information such as name, date of birth, etc. or biometric authentication of a service user against their records in the ID database.

45. Access to Information	
Has Right to Information/Access to Information (ATI) legislation been passed that grants individuals the right to request access to government records or data?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Does the law provide for limitations or exceptions to this right of requesting access to government records or data? Please check all that apply	<input type="checkbox"/> Sensitive information on national security, defense, or foreign policy grounds <input type="checkbox"/> Trade secrets or other commercial interests <input type="checkbox"/> Personal data <input type="checkbox"/> Law enforcement <input type="checkbox"/> Privileged information <input type="checkbox"/> Public investigations and audits <input type="checkbox"/> Other (please explain):
Does the law provide for the creation of a centralized body to process ATI requests?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Does the law include a provision requiring the collection of data on ATI requests?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please mark below as appropriate and specify the relevant legal basis (law/regulation, article etc.): <input type="checkbox"/> Number of requests submitted <input type="checkbox"/> Number of requests accepted/rejected <input type="checkbox"/> Reasons for successful/unsuccessful request
Is this information published and publicly available on a citizen-facing government website?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide the URL link to website:
46. Open data	
Is there an Open Data Act or open data policy applicable across the entire public sector?	<input type="checkbox"/> Yes, an Open Data Act <input type="checkbox"/> Yes, an Open Data policy <input type="checkbox"/> No Please specify the relevant legal basis (law/regulation, article etc.):
47. Data classification	
Is there a government data classification policy/directive?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis and include relevant web site/URL (law/regulation, article etc.):
Does the policy or directive prescribe the categories of common data classification?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Is there a body responsible for setting (or reviewing) data classification categories and compliance?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the name of the body:
Is it mandatory to use the common data classification categories across all government database applications or document management systems?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Restrictions on use/reuse of public sector data	
48. Intellectual Property Rights (IPRs) and licensing of public sector data	
Is there a law/regulation that governs the use of public sector data?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Does this law include a provision regulating the commercial use of public sector data?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Does this law include a provision regulating the ownership of data generated by third parties under a government contract or procurement?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Does the law include a provision regulating confidentiality or third-party rights in non-personal government data (e.g. company registers, business data underlying official statistics)?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
49. Sharing-friendly license	
Has the government adopted an open licensing regime (such as a Creative Common license by Attribution)?	<input type="checkbox"/> Yes <input type="checkbox"/> No

	If yes, please specify the relevant legal basis (law/regulation, article etc.):
Does the Open License apply to all government data?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.): If not, please specify exemptions:
50. Data archiving and Digital preservation	
Is there a law/regulation that addresses data archiving and digital preservation?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Does the law/regulation provide for the creation of an agency responsible for determining policy on data archiving and digital preservation?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
Use, reuse and sharing of private sector data	
51. Data sharing regimes for private sector data	
Are there any data sharing regimes in place that go beyond data portability, e.g. in sector-specific regimes?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the particular regime:
Do regulatory agencies have authority to identify organizations that should be obliged to open their data to third parties?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant legal basis (law/regulation, article etc.):
52. Role/mandate of antitrust authorities	
Have antitrust authorities mandated any remedies relating to data access, e.g. under abuse of dominance provisions?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please indicate in which sectors and specify the relevant legal basis (law/regulation, article etc.):
53. Voluntary licensing of Intellectual Property Rights (IPRs) for private sector	
Can standard-setting organizations mandate patent/IPR holders to provide voluntary licensing access to "standard essential" data or applications on FRAND (fair, reasonable and non-discriminatory) terms?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please specify the relevant case and legal basis:
54. Data-related codes of conduct	
Are there any published guidelines on the development of data-related codes of conduct?	<input type="checkbox"/> Yes <input type="checkbox"/> No If yes, have these guidelines been reviewed or facilitated by a regulatory agency? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, which types of data are covered under these standardized codes of conduct? <input type="checkbox"/> Volunteered <input type="checkbox"/> Observed <input type="checkbox"/> Inferred <input type="checkbox"/> Non-personal <input type="checkbox"/> Machine Learning data Please provide link to the published guidelines:

Thank you very much for completing the questionnaire!

We sincerely appreciate your contribution to the *Digital Business Indicators* project and the *World Development Report 2021*.
Your contribution will be gratefully acknowledged in both projects upon your consent.