

Institutional Research Data Management Services Capacity Survey Executive Summary

Prepared by the Portage Network, Research Intelligence Expert Group (RIEG) on behalf of the Canadian Association of Research Libraries (CARL)

JANUARY 2020

Portage Network
Canadian Association of Research Libraries
portage@carl-abrc.ca

www.carl-abrc.ca

portage
SERVICES PARTAGÉS POUR LES DONNÉES DE RECHERCHE
SHARED STEWARDSHIP OF RESEARCH DATA

CARL ABRC
CANADIAN ASSOCIATION OF
RESEARCH LIBRARIES ASSOCIATION DES BIBLIOTHÈQUES
DE RECHERCHE DU CANADA

Statement of Authorship

This report is authored by members of the Institutional Capacity Working Group of the Portage Network Research Intelligence Expert Group.

- Alexandra Cooper, Queen’s University Library
- Carol Perry, University of Guelph
- Andrea Sz wajcer, University of Manitoba (Chair, Institutional Capacity Working Group)
- Minglu Wang, York University
- Shahira Khair, University of Victoria Libraries (Chair, Research Intelligence Expert Group)

Acknowledgements

We thank all members of the Portage Network Research Intelligence Expert Group for their suggestions and revisions contributed to the study design and this report.

License

This report is licensed under the terms and conditions of the [Creative Commons Attribution-](#)

[NonCommercial-ShareAlike 4.0 International Public License](#)



Table of Contents

Introduction	2
The Survey.....	3
The Results.....	4
<i>Demographics</i>	4
<i>Organizational involvement in RDM infrastructure and services</i>	5
<i>Barriers/Challenges</i>	12
Conclusion.....	14
Appendix – Data Dictionary	15

Introduction

Over the last decade, research data management (RDM) has become a major policy initiative of research funding agencies as a mechanism to enhance research excellence. The Canadian Tri-Agency draft Research Data Management Policy¹, released in May 2018, promotes sound data stewardship practices as integral to achieving research excellence. The policy is directed at both researchers and the institutions that administer Tri-Agency funds, establishing the requirement for individual institutions to develop and implement strategies to support researchers in adopting RDM best practices.

Since the initial release of the draft policy, and, supported by details contained in the 2016 Tri-Agency Statement of Principles of Digital Data Management², research institutions across Canada have begun examining their ability to support RDM by establishing institutional RDM strategies. In response, the Portage Research Intelligence Expert Group (RIEG) has initiated a series of surveys to examine institutional readiness for the rollout of the new Tri-Agency policy in 2020. The first survey, *Institutional RDM Strategy Survey*, examined the state of development of institutional RDM strategies. The summary report³, released in November 2019, indicated that a majority of research institutions had begun the process of developing a strategy, although many were only in the initial stage of reviewing support materials.

As a continuation of information seeking by RIEG, *the Institutional Research Data Management Services Capacity Survey* was conducted in order to benchmark the current capacity of Canadian research institutions to provide necessary RDM support before the final Tri-Agency RDM policy is announced.

¹ Tri-Agency includes the three major federal funding agencies in Canada (SSHRC, CIHR, NSERC) http://www.science.gc.ca/eic/site/063.nsf/eng/h_97610.html

² Tri-Agency Statement of Principles on Digital Data Management. (2016). Retrieved from http://www.science.gc.ca/eic/site/063.nsf/eng/h_83F7624E.html

³ Portage Research Intelligence Expert Group. (2019). Institutional RDM Strategy Survey. https://portagenetwork.ca/wp-content/uploads/2019/11/RIEGStrategySurveySummary_EN.pdf

The Survey

The bilingual questionnaire surveyed the current state of Canadian research institutions in developing and allocating human, organizational, infrastructure, and fiscal resources for RDM on their campus. It also solicited suggestions for additional support that the Portage Network⁴ and other stakeholders could provide to assist with these efforts.

Using SimpleSurvey software, the survey was administered from September 3, 2019 – October 18, 2019. It was distributed through listservs and a contact list of identified relevant stakeholders. Each institution was asked to gather information from across campus and provide a coordinated response, although multiple responses from a single institution were also accepted. The survey consisted of 27 questions⁵ ranging from general demographic information to detailed questions of current infrastructure and services in place across institutional stakeholder groups. Most questions from the survey were based on the questionnaire from the *2017-2018 Open Access Survey*⁶ of the European University Association. These questions were modified, and additional questions were added based on the examination of existing major RDM capacity survey instruments and research⁷, considerations of the Canadian context⁸, and discussions among working group members.

⁴ <https://portagenetwork.ca/>

⁵ Portage Research Intelligence Expert Group. (2020). Institutional Research Data Management Services Capacity Survey, Data Dictionary.

⁶ Morais, R., & Borrell-Damian, L. (2019). Data of European University Association (EUA) Open Access Survey 2017-2018 (Version 1) [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.3267182>

⁷ Australian National Data Service (ANDS). (2018). Creating a Data Management Framework. Retrieved from: <https://www.ands.org.au/guides/creating-a-data-management-framework>; Cox, A. M., Kennan, M. A., Lyon, E., Pinfield, S., & Sbaffi, L. (2019). Maturing research data services and the transformation of academic libraries. *Journal of Documentation*, 75(6), 1432–1462. <https://doi.org/10.1108/JD-12-2018-0211>; Lyon, L., Ball A., Duke M., & Day, M. (2012). Community Capability Model for Data Intensive Research. Retrieved from <https://communitymodel.sharepoint.com/Documents/CCMDIRWhitepaper-v1-0.pdf>; and Rans, J., & Whyte, A. (2017). Using RISE the Research Infrastructure Self-Evaluation Framework. Retrieved from http://www.dcc.ac.uk/sites/default/files/documents/publications/UsingRISE_v1_1.pdf

⁸ Humphrey, C., Shearer, K., & Whitehead, M. (2016). Towards a Collaborative National Research Data Management Network. *International Journal of Digital Curation*, 11(1), 195. <https://doi.org/10.2218/ijdc.v11i1.411>

The Results

The survey received 85 responses from 77 institutions across Canada⁹. Eight institutions each submitted two responses, which were combined into one response per institution¹⁰. The results below reflect the number of institutions (n=77).

Demographics

Preliminary results reveal participation from small, medium and large universities as well as colleges, and research institutes. Figure 1 illustrates the regional responses by type of institution showing wide regional representation with most coming from universities (n=52).

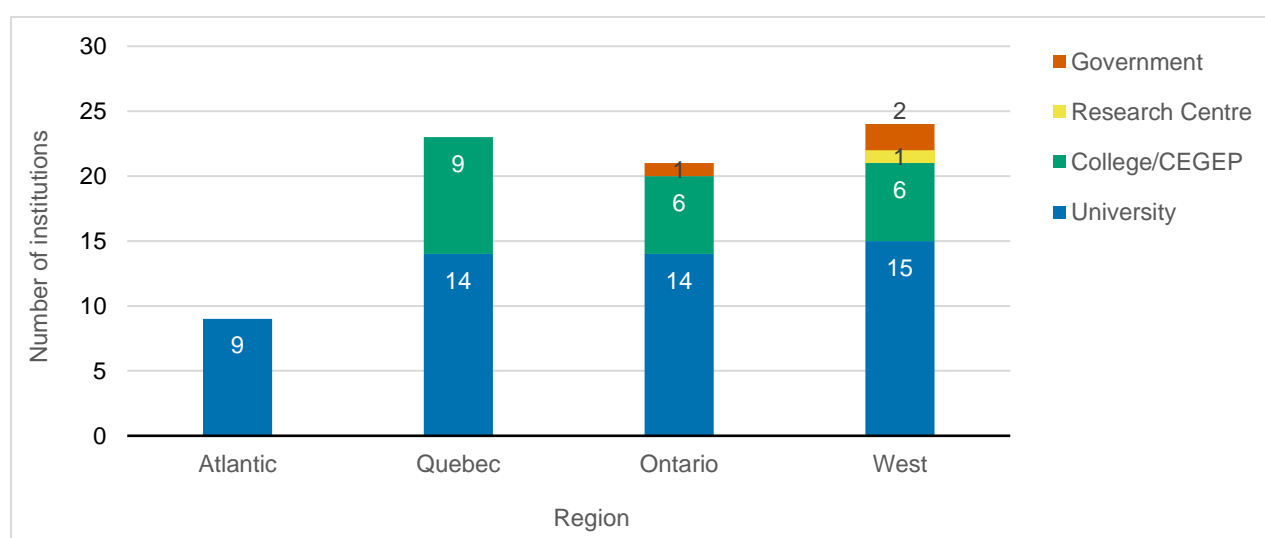


Figure 1. Institution type by region. Count of institutions type (n=77), organized by region. Colour blocks represent institution type: University (52), College/CEGEP (collège d'enseignement général et professionnel; 21), Research Centre (1), Government (3). Derived variables.

⁹ Not all respondents to this survey participated in the previous RIEG strategy survey; therefore, some tables will reflect differences from results found in the Strategy Survey Executive Summary.

¹⁰ The principles for the consolidation are 1). If original values are consistent from the two respondents, the value for the combined case is the same as the originals; 2). Text answers from the original two responses are combined into the value for the combined case; 3). If one of the original values is either "not chosen" or "don't know", the value for the combined case will be the same as the other original value, which is either "chosen" or other affirmative answers, for example, "yes" or "no"; 4). Q7: A higher level of participation from the double entries is assigned to the combined case; 5). Q11: priority number is first averaged from the duplicates, and then reordered accordingly. Arbitrary ordering is only used when two factors happen to have the same average priority score for a combined case, which will not have a significant influence on the aggregated result. We did not find extreme conflicting answers between those respondents within one institution.

Organizational involvement in RDM infrastructure and services

Institutional RDM Strategies and Policies

When asked to identify the status of institutional RDM strategy development (note that this is separate from institutional policy development) results show that while only 5.1% (n=4) institutions have a full RDM strategy in place at their institution, 44.9% (n=35) institutions indicated they were currently developing a strategy (Figure 2). Another 43.6% (n=34) institutions had no strategy in place at this time. Despite this fact, it is evident that strategic work is underway in this area in contrast to the much lower level of policy development (Figure 3).

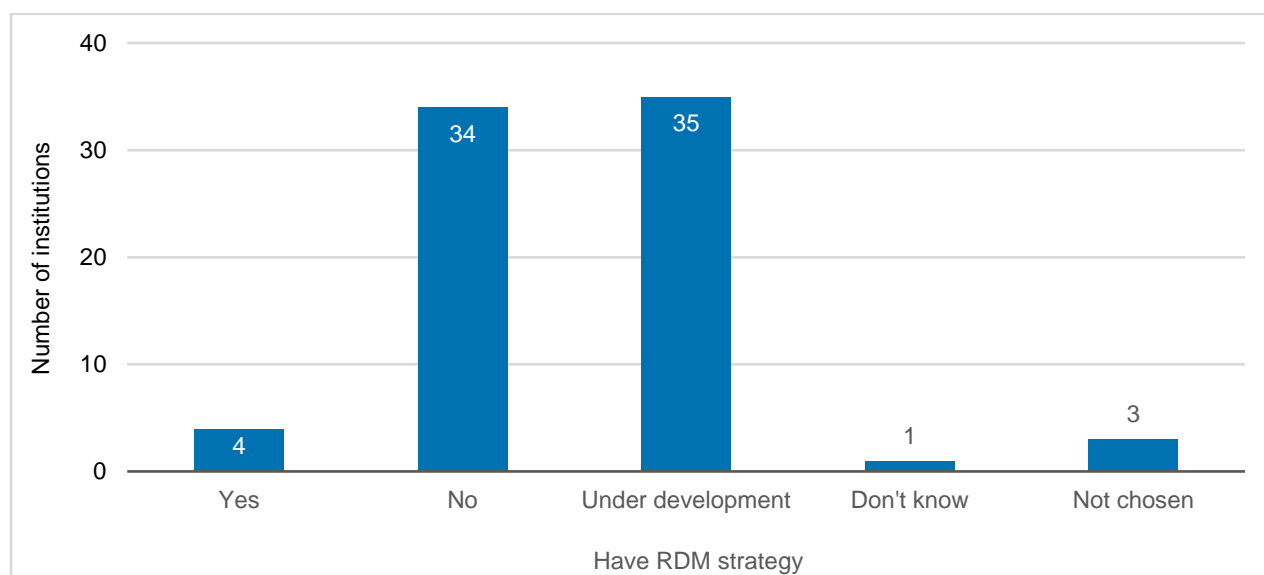


Figure 2. Level of RDM strategy development by institution. (n=77). Q14a. “Does your institution currently have a research data management strategy?”

In other nations, a number of universities have implemented institutional RDM policies as a part of developing institutional strategies¹¹. As part of this survey, an initial question addressed whether or not Canadian institutions have or are in the process of implementing institutional policies as part of their strategic RDM framework.

It was important to clarify and differentiate the development of institutional RDM strategies separate from RDM policy development. On the question of institutional RDM policy development, the outcomes clearly displayed a low level of policy development by a majority of institutions represented in this survey (Figure 3).

¹¹ Digital Curation Centre (DCC). UK institutional data policies. Retrieved from <http://www.dcc.ac.uk/resources/policy-and-legal/institutional-data-policies>.

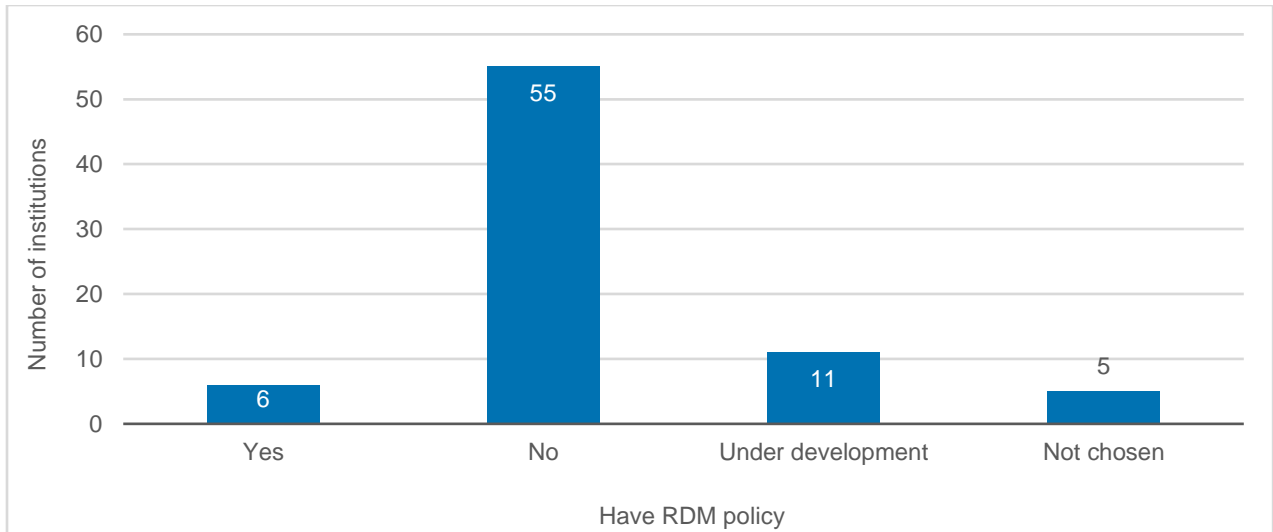


Figure 3. Status of RDM policy development. (n=77). Q15a. “Does your institution currently have a research data management policy?”

Internal and external participation in RDM supports and services

Respondents were asked to identify departments across campus by current involvement in RDM supports and services (Figure 4). Senior administration, Research Ethics Review Boards, Library and IT departments were either leading or participating in RDM services in a majority of cases.

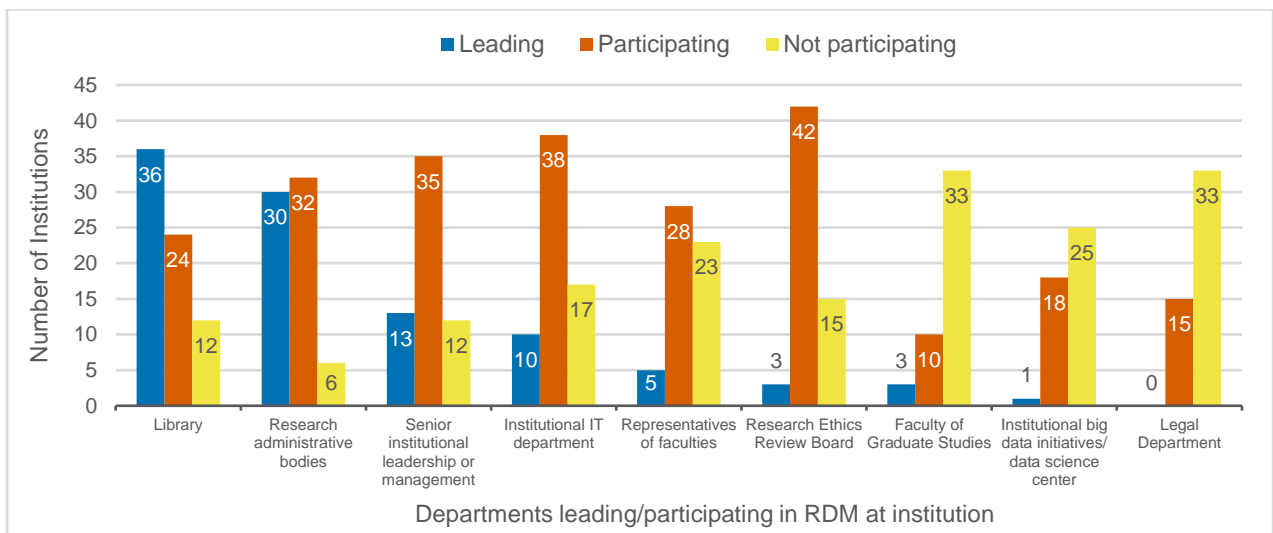


Figure 4. Count of departmental involvement in RDM activities by type of participation. Institutions (n=77) could select all that applied. Q7. “Which department(s) is/are involved in leading and participating in research data management at your institution?”

Externally, institutions are actively involved in a number of regional and national collaborative RDM infrastructure and services. This demonstrates a recognition that collaborative ventures in RDM will help accelerate the development of supports and services to the benefit of organizations of all sizes.

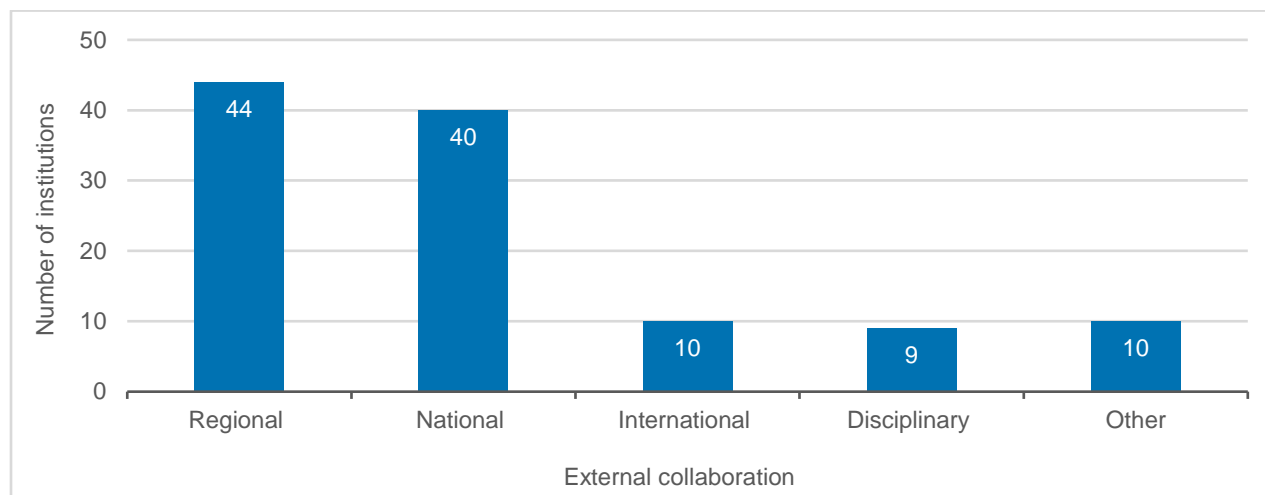


Figure 5. Institutional contributions to external RDM initiatives. Institutions (n=77) could select all that applied. Q24. “Does your institution partner with or contribute to any of the following research data management initiatives?”

Institutional capacity around infrastructure, support, and skill availability

A major objective of this survey was to obtain a clearer picture of current infrastructure and support available at institutions. Figures 6a-6c show institutions are relying on multiple options to provide support for data storage, access and preservation, although preservation infrastructure is generally lacking. Plans for further detailed analysis and reporting of this data are outlined in the conclusion of this report.

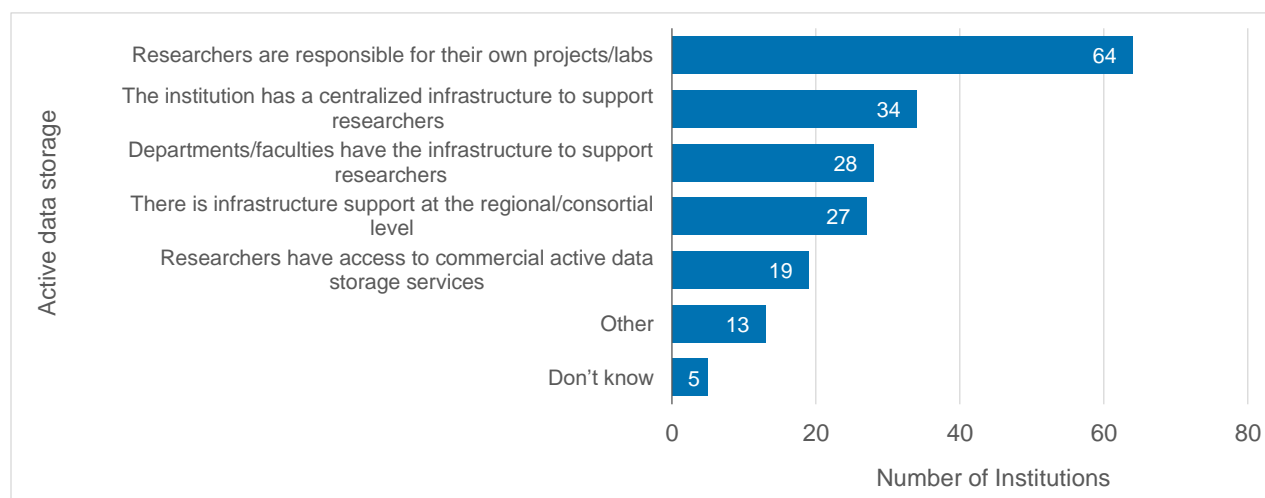


Figure 6a – Active data storage. Institutions (n=77) could select all that applied. Q10. “What research data management infrastructure does your institution have access to? Check all that apply.”

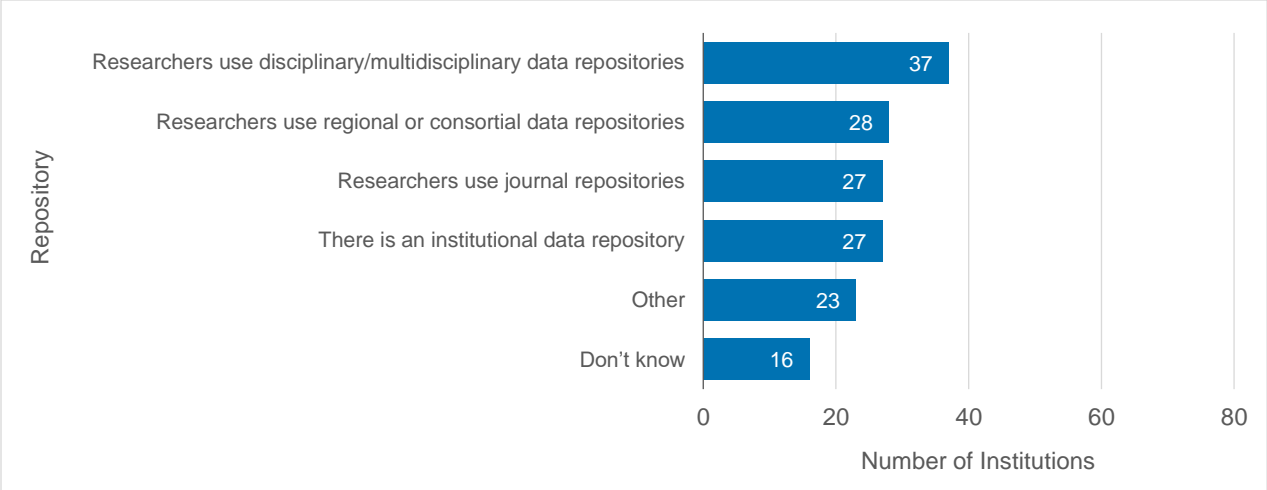


Figure 6b – Data repository access. Institutions (n=77) could select all that applied. Q10. “What research data management infrastructure does your institution have access to? Check all that apply.”

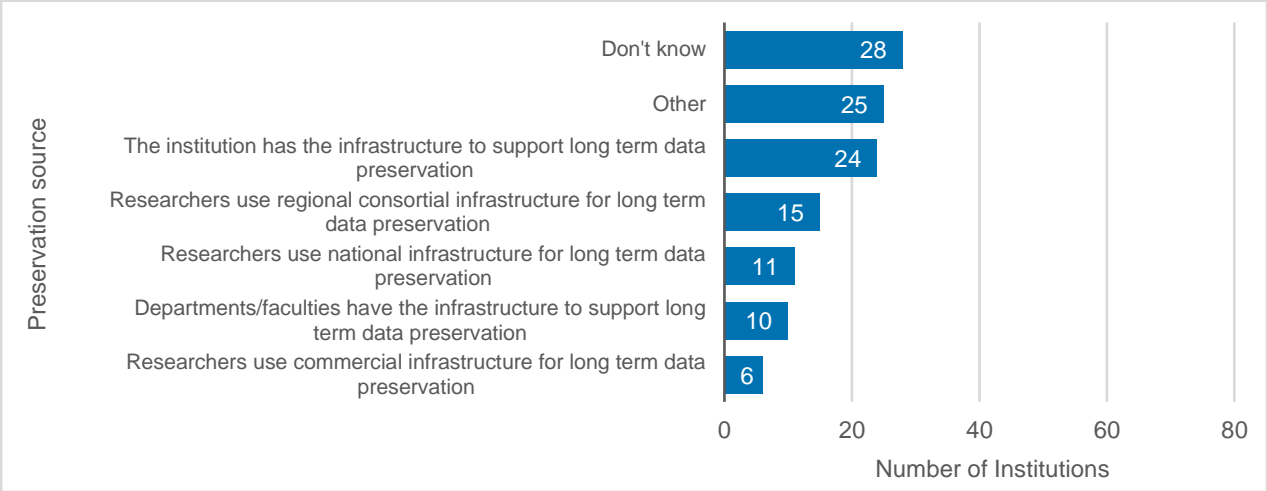


Figure 6c – Long-term data preservation. Institutions (n=77) could select all that applied. Q10. “What research data management infrastructure does your institution have access to? Check all that apply.”

RDM Support Providers

Respondents were asked to identify current RDM supports, both internal and external, which are being utilized on campus. The findings show that libraries are taking an active lead in providing informational, advisory, and curation support services while IT are strongest in providing data computing services, and technical support.

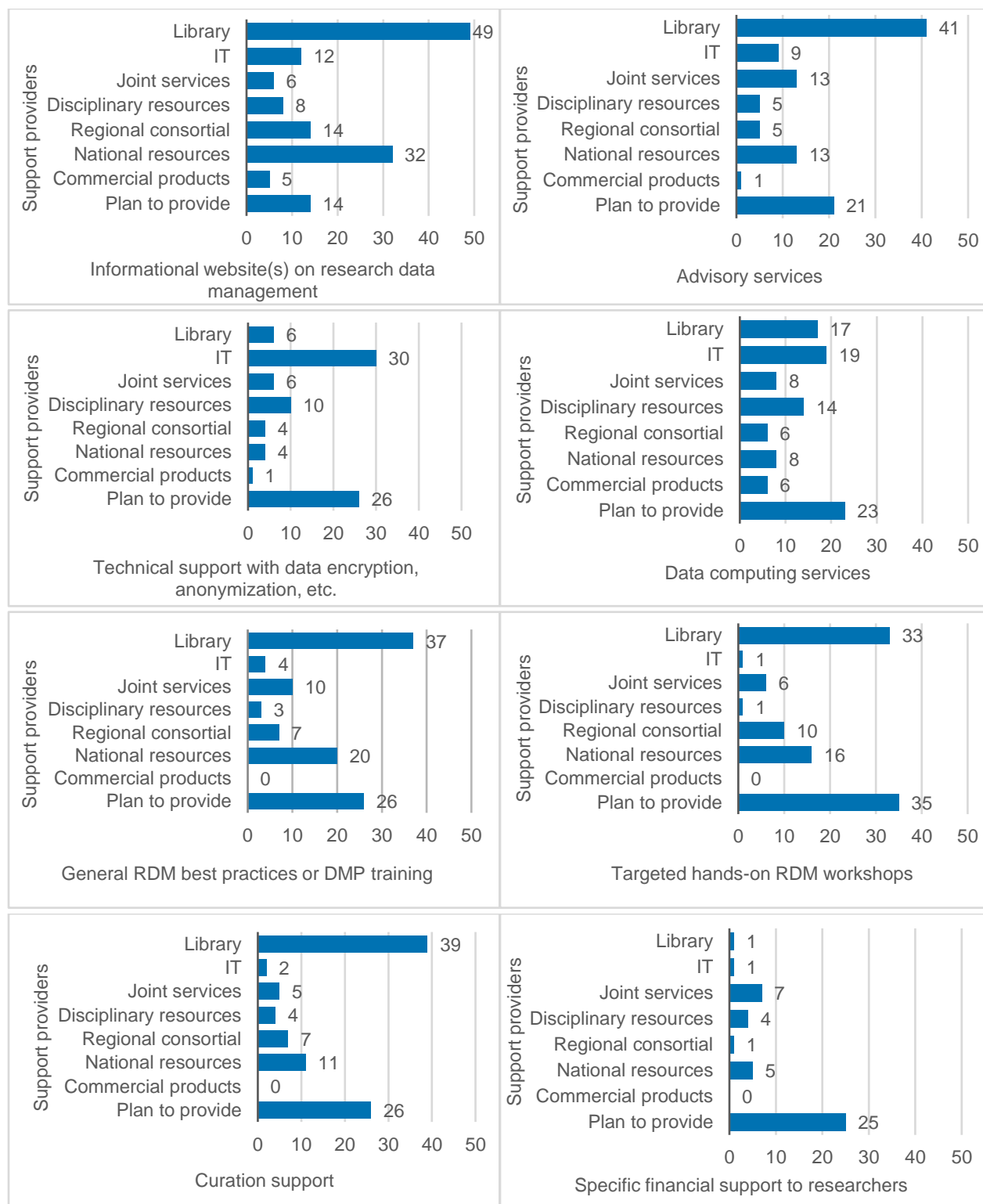


Figure 7. RDM Support Providers. Institutions (n=77) could select all that applied. Q13. “Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.”

The survey also gathered information on the current skills levels available at each institution based on recognized RDM supports. A majority of institutions have some skill levels available, however, more skill development either internally or through external collaborations is required.

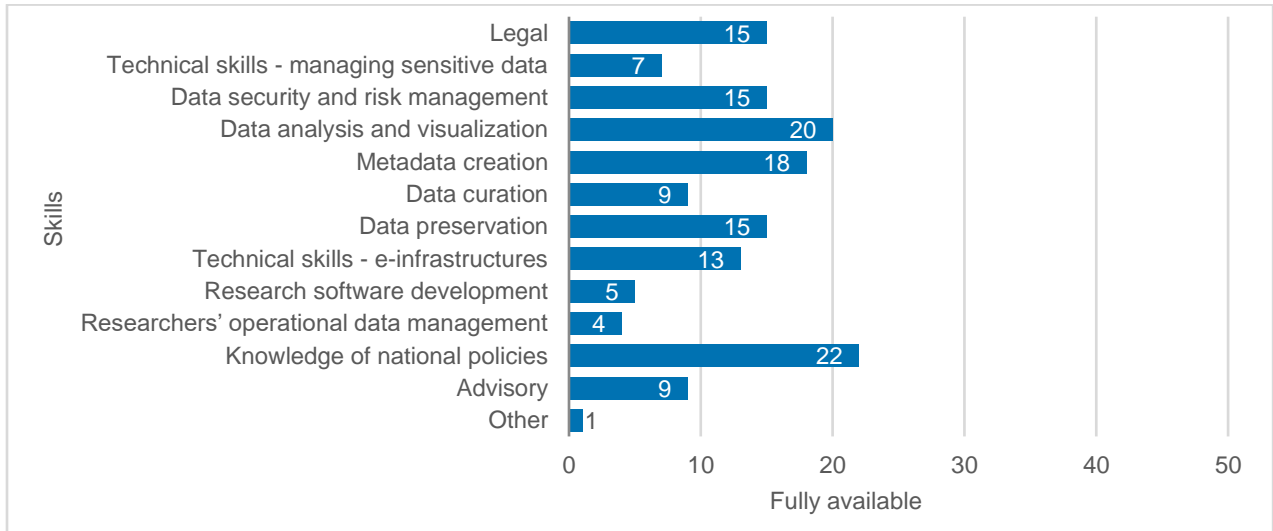


Figure 8a – “Fully available” RDM Skills availability at the institutional level. Institutions (n=77) could select all that applied. Q12a. “Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.”

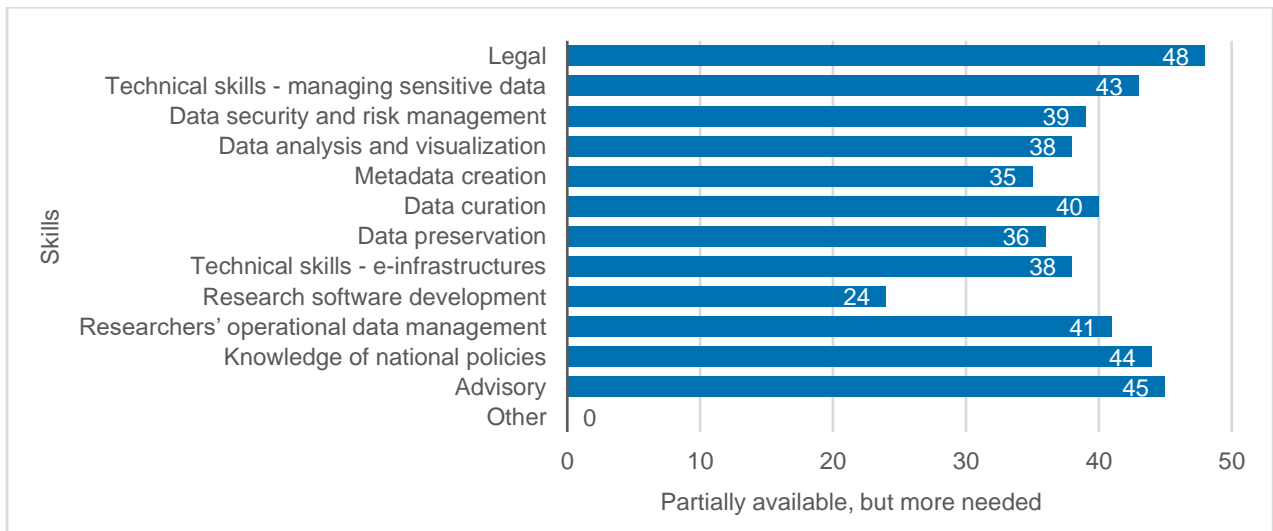


Figure 8b – “Partially available, but more needed” RDM Skills availability at the institutional level. Institutions (n=77) could select all that applied. Q12a. “Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.”

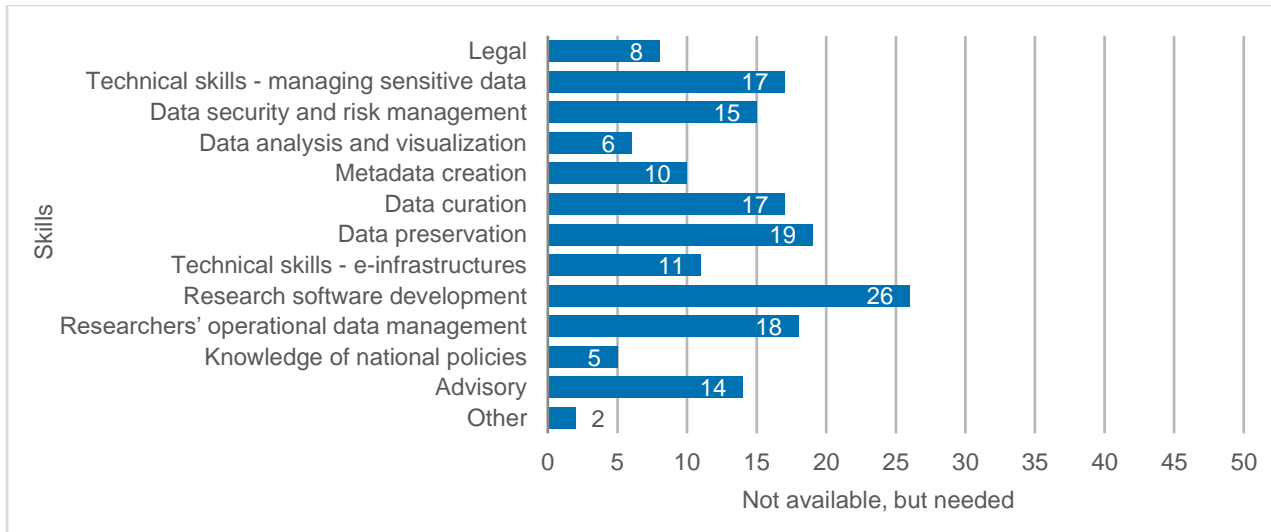


Figure 8c – “Not available, but needed” RDM Skills availability at the institutional level. Institutions (n=77) could select all that applied. Q12a. “Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.”

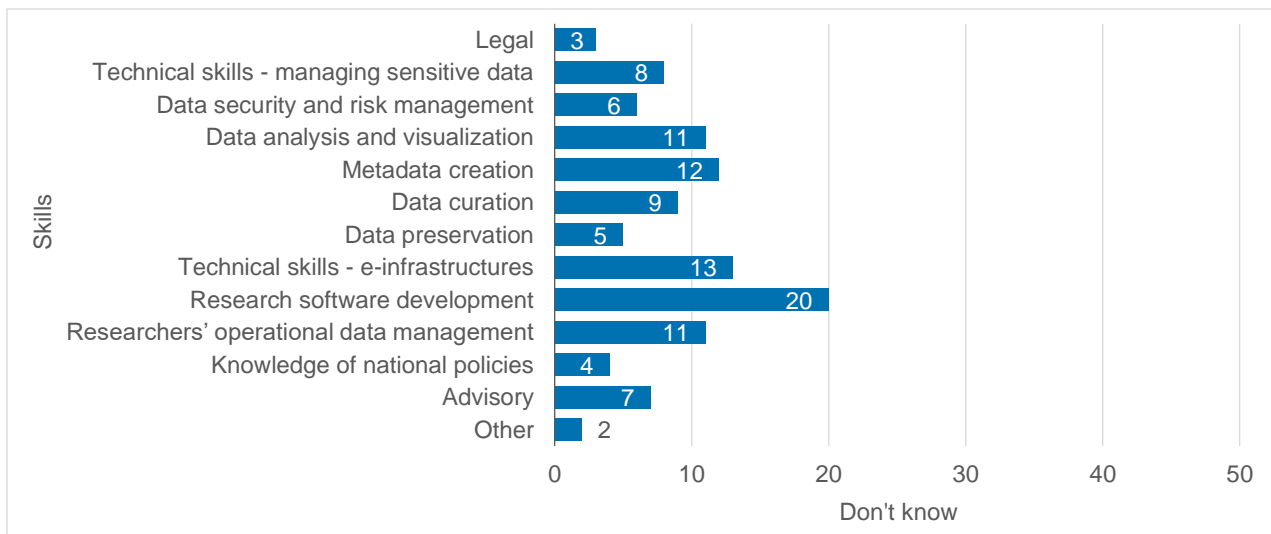


Figure 8d – “Don't know” RDM Skills availability at the institutional level. Institutions (n=77) could select all that applied. Q12a. “Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.”

Barriers/Challenges

Over 50 institutions identified the following factors as their barriers or challenges to support RDM or FAIR principles: lack of time, limited awareness of RDM benefits, lack of incentives, and lack of funding. They also identified lack of skilled staff with expertise on the topic and researchers' resistance in making data available or sharing data as a major challenge.

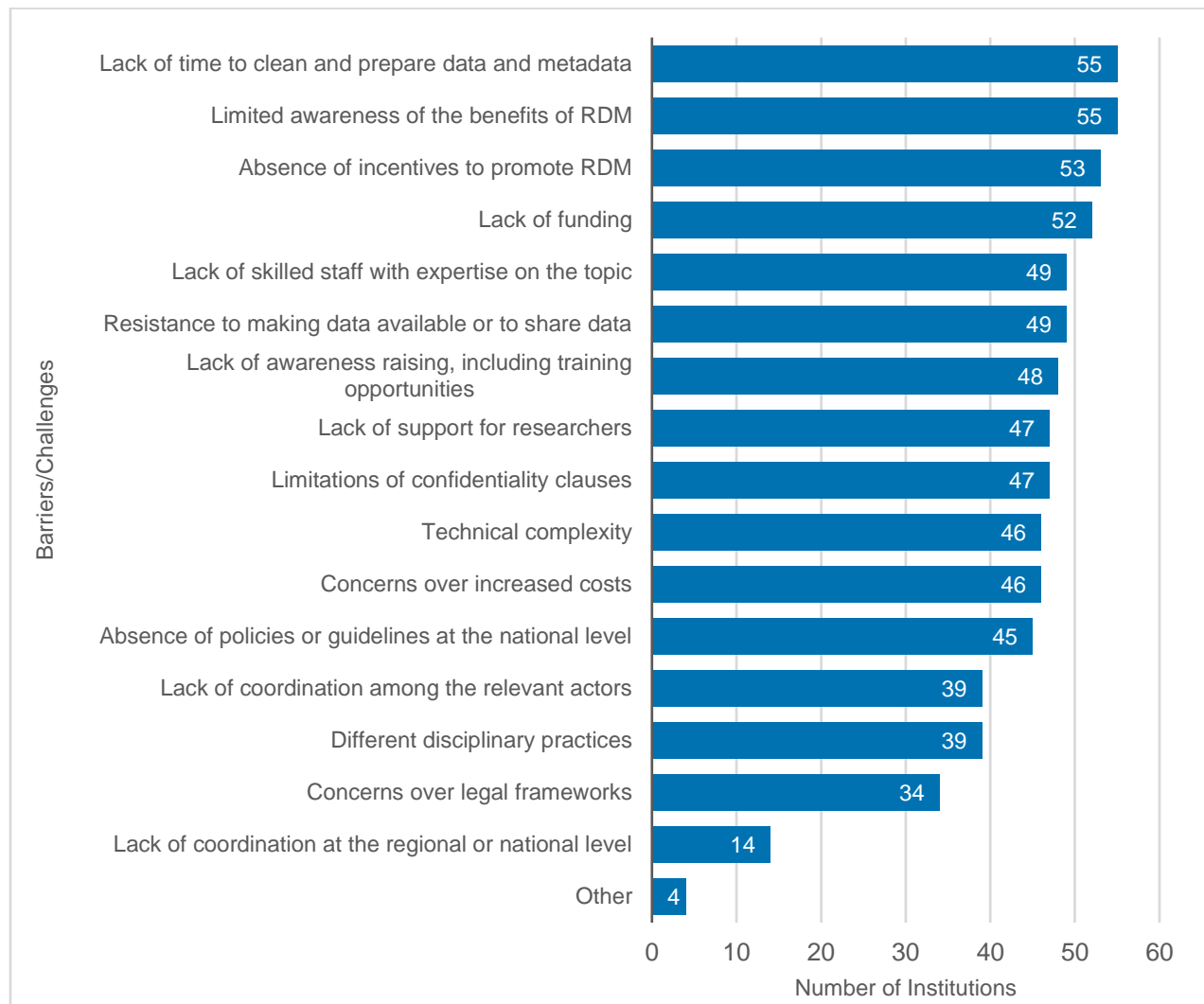


Figure 9. Barriers/challenges to supporting RDM/FAIR principles. Institutions (n=77) could select all that applied. Q26. “What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.”

Institutions were then asked to identify the highest priority resource required in order to streamline RDM at their institution. The need for more human resources was most frequently identified as the highest priority for many institutions, followed by the need for policy guidance and financial resources. Future reporting will examine differences between institution size and type on priority ranking.

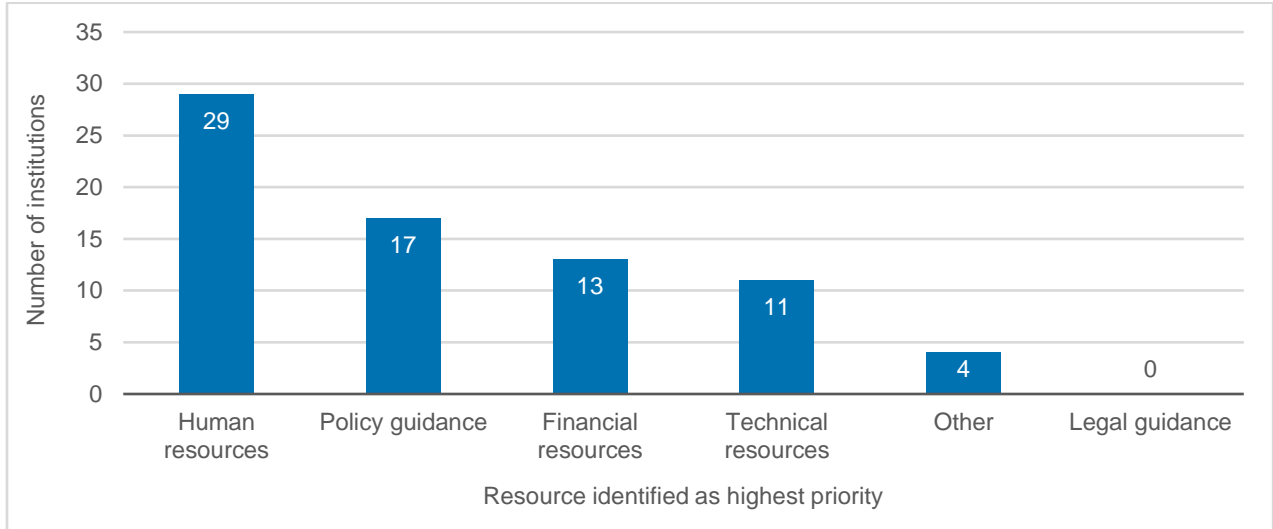


Figure 10. Highest priority resources required for RDM (n=77). Q11. “What resources are required at this time to streamline research data management at your institutional level? Please rank them in order of priority.”

Conclusion

This executive summary provides an initial overview of the results of the survey. In the coming months a series of brief reports, entitled 'Insights', will be developed from the survey results focusing on key areas of interest. As these reports are released, more in-depth analysis will be provided about the areas in which Canadian institutions may require further support in developing institutional readiness in preparation for the new Tri-Agency requirements with particular attention being paid to the varying scale of institutional size and capacity.

The reports will examine the uniqueness and advantages of the national and collaborative Canadian RDM support model compared with other countries. They will also examine opportunities and existing strengths which can be leveraged.

The reports will also contain recommendations identifying guidance, supports or services that Portage and other stakeholders could employ to assist RDM infrastructure and best practices within institutions.

These recommendations will be based on the following criteria:

- Areas of infrastructure which institutions are lacking
- Types of supports necessary for varying scales of institutional capacity, for example, ensuring smaller institutions with less resources are aware of external supports available
- Significant barriers to institutional readiness

A follow-up survey should be undertaken within a year of the policy rollout to monitor RDM capacity development.

Appendix

Portage Research Intelligence Expert Group

Institutional Research Data Management Services Capacity Survey

Data Dictionary, January 2020

The *Institutional Research Data Management Services Capacity Survey* was conducted in order to benchmark current infrastructure capacity within institutions to provide necessary RDM supports when the final Tri-Agency policy is implemented.

The survey was administered from September 3, 2019 – October 18, 2019 consisting of 27 questions ranging from general demographic information to detailed listing of current infrastructure in place across institutional stakeholder groups. There were 85 responses from 77 institutions across Canada.

This data dictionary contains the responses from the institutions (n = 77). Eight institutions each submitted two responses, which were combined into one response per institution¹².

To ensure confidentiality, frequencies have been removed from variables marked with an asterisk (*).

General questions about the institution 17

Organization 18

Infrastructure 21

Resources..... 31

Skills 33

Support 36

Institutional Strategy and Policies 52

Business plans and sustainability 57

Collaboration 59

Awareness 60

Barriers and challenges 62

Potential accelerator 65

Derived variables..... 66

¹² The principles for the consolidation are 1). If original values are consistent from the two respondents, the value for the combined case is the same as the originals; 2). Text answers from the original two responses are combined into the value for the combined case;3). If one of the original values is either "not chosen" or "don't know", the value for the combined case will be the same as the other original value, which is either "chosen" or other affirmative answers, for example, "yes" or "no"; 4). Q7: A higher level of participation from the double entries is assigned to the combined case; 5). Q11: priority number is first averaged from the duplicates, and then reordered accordingly. Arbitrary ordering is only used when two factors happen to have the same average priority score for a combined case, which will not have a significant influence on the aggregated result. We did not find extreme conflicting answers between those respondents within one institution.

General questions about the institution

Variable name Q1_Inst*
Variable label [Q1] Name of institution
Survey question Name of institution
Value label **Value description**
[many] [string]

Variable name Q2_Prov*
Variable label [Q2] Province
Survey question Location of institution (province/territory)
Value label **Value description**
[many] [string]

Variable name Q3_Cat
Variable label [Q3] Category of institution
Survey question Type of institution (select most appropriate)
Value label **Value description** **Count** **Percent**

1	Medical/Doctoral	13	16.9%
2	Comprehensive	26	33.8%
3	Primarily Undergraduate	16	20.8%
4	Other	22	28.6%
99	Not declared	0	0.0%

Variable name Q3_CatO*
Variable label [Q3] Category of institution - Other
Survey question Type of institution (select most appropriate) Other
Value label **Value description**
[many] [string]

Variable name Q4_FTE
Variable label [Q4] Number of research faculty (FTE) at the institution
Survey question Number of research faculty (FTE) at the institution
Value label **Value description** **Count** **Percent**

1	<100	0	0.0%
2	100-499	23	29.9%
3	500-1000	10	13.0%
4	>1000	1	1.3%
99	Not declared	43	55.8%

Variable name Q5_Aff*
Variable label [Q5] Affiliations
Survey question What are the affiliation(s) of respondents to this survey? Check all that apply.
Value label **Value description**
Library
Research Office

CIO
 Ethics Board
 Researchers
 IT
 Other

Variable name Q5_AffOtherT*
Variable label [Q5] Affiliations - Other [text]
Survey question What are the affiliation(s) of respondents to this survey? Check all that apply. Other
Value label **Value description**
 [many] [string]

Variable name Q6_Position*
Variable label [Q6] Position Title
Survey question What is your position title?
Value label **Value description**
 [many] [string]

Organization

Variable name Q7_DeptGrad
Variable label [Q7] Departments leading/participating in RDM at institution - Faculty of Graduate Studies
Survey question Which department(s)is/are involved in leading and participating in research data management at your institution?
Value label **Value description** **Count** **Percent**

1	Leading	3	3.9%
2	Participating	10	13.0%
3	Not participating	33	42.9%
4	Don't know	11	14.3%
99	Not chosen	20	26.0%

Variable name Q7_DeptBigData
Variable label [Q7] Departments leading/participating in RDM at institution - Institutional big data initiatives/data science center
Survey question Which department(s) is/are involved in leading and participating in research data management at your institution?
Value label **Value description** **Count** **Percent**

1	Leading	1	1.3%
2	Participating	18	23.4%
3	Not participating	25	32.5%
4	Don't know	13	16.9%
99	Not chosen	20	26.0%

Variable name Q7_DeptIT
Variable label [Q7] Departments leading/participating in RDM at institution - Institutional IT department
Survey question Which department(s) is/are involved in leading and participating in research data management at your institution?
Value label **Value description** **Count** **Percent**

1	Leading	10	13.0%
2	Participating	38	49.4%
3	Not participating	17	22.1%
4	Don't know	4	5.2%
99	Not chosen	8	10.4%

Variable name	Q7_DeptLegal		
Variable label	[Q7] Departments leading/participating in RDM at institution - Legal Department		
Survey question	Which department(s) is/are involved in leading and participating in research data management at your institution?		
Value label	Value description	Count	Percent
1	Leading	0	0.0%
2	Participating	15	19.5%
3	Not participating	33	42.9%
4	Don't know	11	14.3%
99	Not chosen	18	23.4%

Variable name	Q7_DeptLib		
Variable label	[Q7] Departments leading/participating in RDM at institution - Library		
Survey question	Which department(s) is/are involved in leading and participating in research data management at your institution?		
Value label	Value description	Count	Percent
1	Leading	36	46.8%
2	Participating	24	31.2%
3	Not participating	12	15.6%
4	Don't know	0	0.0%
99	Not chosen	5	6.5%

Variable name	Q7_DeptFaculties		
Variable label	[Q7] Departments leading/participating in RDM at institution - Representatives of faculties		
Survey question	Which department(s) is/are involved in leading and participating in research data management at your institution?		
Value label	Value description	Count	Percent
1	Leading	5	6.5%
2	Participating	28	36.4%
3	Not participating	23	29.9%
4	Don't know	7	9.1%
99	Not chosen	14	18.2%

Variable name	Q7_DeptResAdmin		
Variable label	[Q7] Departments leading/participating in RDM at institution - Research administrative bodies		
Survey question	Which department(s) is/are involved in leading and participating in research data management at your institution?		
Value label	Value description	Count	Percent
1	Leading	30	39.0%
2	Participating	32	41.6%
3	Not participating	6	7.8%

4	Don't know	3	3.9%
99	Not chosen	6	7.8%

Variable name	Q7_DeptEthics		
Variable label	[Q7] Departments leading/participating in RDM at institution - Research Ethics Review Board		
Survey question	Which department(s) is/are involved in leading and participating in research data management at your institution?		
Value label	Value description	Count	Percent
1	Leading	3	3.9%
2	Participating	42	54.5%
3	Not participating	15	19.5%
4	Don't know	4	5.2%
99	Not chosen	13	16.9%

Variable name	Q7_DeptSenioeMg		
Variable label	[Q7] Departments leading/participating in RDM at institution - Senior institutional leadership or management		
Survey question	Which department(s) is/are involved in leading and participating in research data management at your institution?		
Value label	Value description	Count	Percent
1	Leading	13	16.9%
2	Participating	35	45.5%
3	Not participating	12	15.6%
4	Don't know	3	3.9%
99	Not chosen	14	18.2%

Variable name	Q7_DeptOther		
Variable label	[Q7] Departments leading/participating in RDM at institution - Other		
Survey question	Which department(s) is/are involved in leading and participating in research data management at your institution?		
Value label	Value description	Count	Percent
1	Leading	5	6.5%
2	Participating	10	13.0%
3	Not participating	2	2.6%
4	Don't know	7	9.1%
99	Not chosen	53	68.8%

Variable name	Q7_DeptOtherT*		
Variable label	[Q7] Departments leading/participating in RDM at institution - Other [text]		
Survey question	If you selected 'Other' above, please elaborate as appropriate.		
Value label	Value description		
[many]	[string]		

Variable name	Q8_DMPCreate*		
Variable label	[Q8] Data management positions created or reassigned		

Survey question What data management positions (if any) have your institution created or reassigned (please provide associated job titles)? (for example, data management coordinator, data protection officer, data management librarian, data curation specialist, data managers, or data scientists)

Value label [many]
Value description [string]

Variable name Q9_Stakeholders*
Variable label [Q9] Different stakeholders within institution working collaboratively to tackle RDM challenges
Survey question How are different stakeholders within your institution working collaboratively to tackle research data management challenges? (for example, cross-campus working group, Research Data Management steering committee, responsibility is spread across multiple departments, etc.)

Value label [many]
Value description [string]

Infrastructure

Variable name Q10a_InfraActiveRes
Variable label [Q10a] Active data storage services - Researchers are responsible for their own projects/labs
Survey question What research data management infrastructure does your institution have access to? Check all that apply.
 Active data storage services (storage used during the actual research process)

Value label	Value description	Count	Percent
0	Not chosen	13	16.9%
1	Chosen	64	83.1%

Variable name Q10a_InfraActiveDept
Variable label [Q10a] Active data storage services - Departments/faculties have the infrastructure to support researchers
Survey question What research data management infrastructure does your institution have access to? Check all that apply.
 Active data storage services (storage used during the actual research process)

Value label	Value description	Count	Percent
0	Not chosen	49	63.6%
1	Chosen	28	36.4%

Variable name Q10a_InfraActiveCentral
Variable label [Q10a] Active data storage services - The institution has a centralized infrastructure to support researchers
Survey question What research data management infrastructure does your institution have access to? Check all that apply.
 Active data storage services (storage used during the actual research process)

Value label	Value description	Count	Percent
0	Not chosen	43	55.8%
1	Chosen	34	44.2%

Variable name Q10a_InfraActiveReg
Variable label [Q10a] Active data storage services - There is infrastructure support at the regional/consortial level

Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Active data storage services (storage used during the actual research process)		
Value label	Value description	Count	Percent
0	Not chosen	50	64.9%
1	Chosen	27	35.1%

Variable name	Q10a_InfraActiveCom		
Variable label	[Q10a] Active data storage services - Researchers have access to commercial active data storage services		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Active data storage services (storage used during the actual research process)		
Value label	Value description	Count	Percent
0	Not chosen	58	75.3%
1	Chosen	19	24.7%

Variable name	Q10a_InfraActiveOther		
Variable label	[Q10a] Active data storage services - Other		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Active data storage services (storage used during the actual research process)		
Value label	Value description	Count	Percent
0	Not chosen	64	83.1%
1	Chosen	13	16.9%

Variable name	Q10a_InfraActiveOtherT*		
Variable label	[Q10a] Active data storage services - Other [text]		
Survey question	Active data storage services (storage used during the actual research process) Other		
Value label	Value description		
[many]	[string]		

Variable name	Q10a_InfraActiveDK		
Variable label	[Q10a] Active data storage services - Don't know		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Active data storage services (storage used during the actual research process)		
Value label	Value description	Count	Percent
0	Not chosen	72	93.5%
1	Chosen	5	6.5%

Variable name	Q10b_InfraReplnst		
Variable label	[Q10b] Data repository - There is an institutional data repository		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data repository (where data are deposited/published for discovery and/or appropriate access)		
Value label	Value description	Count	Percent
0	Not chosen	50	64.9%

1	Chosen	27	35.1%
---	--------	----	-------

Variable name	Q10b_InfraRepDis		
Variable label	[Q10b] Data repository - Researchers use disciplinary/multidisciplinary data repositories		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data repository (where data are deposited/published for discovery and/or appropriate access)		
Value label	Value description	Count	Percent
0	Not chosen	40	51.9%
1	Chosen	37	48.1%

Variable name	Q10b_InfraRepReg		
Variable label	[Q10b] Data repository - Researchers use regional or consortial data repositories		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data repository (where data are deposited/published for discovery and/or appropriate access)		
Value label	Value description	Count	Percent
0	Not chosen	49	63.6%
1	Chosen	28	36.4%

Variable name	Q10b_InfraRepNat		
Variable label	[Q10b] Data repository - Researchers use a national level data repository		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data repository (where data are deposited/published for discovery and/or appropriate access)		
Value label	Value description	Count	Percent
0	Not chosen	63	81.8%
1	Chosen	14	18.2%

Variable name	Q10b_InfraRepJour		
Variable label	[Q10b] Data repository - Researchers use journal repositories		
Survey question	33		
Value label	Value description	Count	Percent
0	Not chosen	50	64.9%
1	Chosen	27	35.1%

Variable name	Q10b_InfraRepOther		
Variable label	[Q10b] Data repository - Other		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data repository (where data are deposited/published for discovery and/or appropriate access)		
Value label	Value description	Count	Percent
0	Not chosen	54	70.1%
1	Chosen	23	29.9%

Variable name	Q10b_InfraRepOtherT*		
Variable label	[Q10b] Data repository - Other [text]		

Survey question Data repository (where data are deposited/published for discovery and/or appropriate access)
Other

Value label [many]
Value description [string]

Variable name Q10b_InfraRepDK
Variable label [Q10b] Data repository - Don't know

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Data repository (where data are deposited/published for discovery and/or appropriate access)

Value label	Value description	Count	Percent
0	Not chosen	61	79.2%
1	Chosen	16	20.8%

Variable name Q10c_InfraLongDept
Variable label [Q10c] Long term data preservation - Departments/faculties have the infrastructure to support long term data preservation

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Long term data preservation (the process through which some data may be stored for the longer term post project)

Value label	Value description	Count	Percent
0	Not chosen	67	87.0%
1	Chosen	10	13.0%

Variable name Q10c_InfraLongInst
Variable label [Q10c] Long term data preservation - The institution has the infrastructure to support long term data preservation

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Long term data preservation (the process through which some data may be stored for the longer term post project)

Value label	Value description	Count	Percent
0	Not chosen	53	68.8%
1	Chosen	24	31.2%

Variable name Q10c_InfraLongReg
Variable label [Q10c] Long term data preservation - Researchers use regional consortial infrastructure for long term data preservation

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Long term data preservation (the process through which some data may be stored for the longer term post project)

Value label	Value description	Count	Percent
0	Not chosen	62	80.5%
1	Chosen	15	19.5%

Variable name Q10c_InfraLongNat

Variable label [Q10c] Long term data preservation - Researchers use national infrastructure for long term data preservation

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Long term data preservation (the process through which some data may be stored for the longer term post project)

Value label	Value description	Count	Percent
0	Not chosen	66	85.7%
1	Chosen	11	14.3%

Variable name **Q10c_InfraLongCom**

Variable label [Q10c] Long term data preservation - Researchers use commercial infrastructure for long term data preservation

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Long term data preservation (the process through which some data may be stored for the longer term post project)

Value label	Value description	Count	Percent
0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name **Q10c_InfraLongOther**

Variable label [Q10c] Long term data preservation - Other

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Long term data preservation (the process through which some data may be stored for the longer term post project)

Value label	Value description	Count	Percent
0	Not chosen	52	67.5%
1	Chosen	25	32.5%

Variable name **Q10c_InfraLongOtherT***

Variable label [Q10c] Long term data preservation - Other [text]

Survey question Long term data preservation (the process through which some data may be stored for the longer term post project) Other

Value label [many]

Value description [string]

Variable name **Q10c_InfraLongDK**

Variable label [Q10c] Long term data preservation - Don't know

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Long term data preservation (the process through which some data may be stored for the longer term post project)

Value label	Value description	Count	Percent
0	Not chosen	49	63.6%
1	Chosen	28	36.4%

Variable name	Q10d_InfraTranU5Int		
Variable label	[Q10d] Data transfer (data up to 5GB) - The institution has an internal data transfer mechanism		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size up to 5 GB)		
Value label	Value description	Count	Percent
0	Not chosen	56	72.7%
1	Chosen	21	27.3%

Variable name	Q10d_InfraTranU5Res		
Variable label	[Q10d] Data transfer (data up to 5GB) - Researchers have access to an external data transfer mechanism		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size up to 5 GB)		
Value label	Value description	Count	Percent
0	Not chosen	63	81.8%
1	Chosen	14	18.2%

Variable name	Q10d_InfraTranU5ResT*		
Variable label	[Q10d] Data transfer (data up to 5GB) - Researchers have access to an external data transfer mechanism [text]		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size up to 5 GB)		
Value label	Value description		
[many]	[string]		

Variable name	Q10d_InfraTranU5Other		
Variable label	[Q10d] Data transfer (data up to 5GB) - Other		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size up to 5 GB)		
Value label	Value description	Count	Percent
0	Not chosen	65	84.4%
1	Chosen	12	15.6%

Variable name	Q10d_InfraTranU5OtherT*		
Variable label	[Q10d] Data transfer (data up to 5GB) - Other [text]		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size up to 5 GB)		
Value label	Value description		
[many]	[string]		

Variable name	Q10d_InfraTranU5DK		
Variable label	[Q10d] Data transfer (data up to 5GB) - Don't know		

Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size up to 5 GB)		
Value label	Value description	Count	Percent
0	Not chosen	42	54.5%
1	Chosen	35	45.5%

Variable name	Q10e_InfraTranO5Int		
Variable label	[Q10e] Data transfer (data over 5GB) - The institution has an internal data transfer mechanism		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size over 5 GB)		
Value label	Value description	Count	Percent
0	Not chosen	60	77.9%
1	Chosen	17	22.1%

Variable name	Q10e_InfraTranO5Res		
Variable label	[Q10e] Data transfer (data over 5GB) - Researchers have access to an external data transfer mechanism		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size over 5 GB)		
Value label	Value description	Count	Percent
0	Not chosen	65	84.4%
1	Chosen	12	15.6%

Variable name	Q10e_InfraTranO5ResT*		
Variable label	[Q10e] Data transfer (data over 5GB) - Researchers have access to an external data transfer mechanism [text]		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size over 5 GB)		
Value label	Value description		
[many]	[string]		

Variable name	Q10e_InfraTranO5Other		
Variable label	[Q10e] Data transfer (data over 5GB) - Other		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Data transfer (for data size over 5 GB)		
Value label	Value description	Count	Percent
0	Not chosen	62	80.5%
1	Chosen	15	19.5%

Variable name	Q10e_InfraTranO5OtherT*		
Variable label	[Q10e] Data transfer (data over 5GB) - Other [text]		

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Data transfer (for data size over 5 GB)

Value label [many]
Value description [string]

Variable name Q10e_InfraTranO5DK
Variable label [Q10e] Data transfer (data over 5GB) - Don't know
Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Data transfer (for data size over 5 GB)

Value label	Value description	Count	Percent
0	Not chosen	43	55.8%
1	Chosen	34	44.2%

Variable name Q10f_InfraSenInt
Variable label [Q10f] Infrastructure for sensitive data - The institution has internal supports in place
Survey question 51

Value label	Value description	Count	Percent
0	Not chosen	48	62.3%
1	Chosen	29	37.7%

Variable name Q10f_InfraSenExt
Variable label [Q10f] Infrastructure for sensitive data - Researchers have access to external support
Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Infrastructure for sensitive data

Value label	Value description	Count	Percent
0	Not chosen	74	96.1%
1	Chosen	3	3.9%

Variable name Q10f_InfraSenExtT*
Variable label [Q10f] Infrastructure for sensitive data - Researchers have access to external support [text]
Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Infrastructure for sensitive data

Value label [many]
Value description [string]

Variable name Q10f_InfraSenOther
Variable label [Q10f] Infrastructure for sensitive data - Other
Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Infrastructure for sensitive data

Value label	Value description	Count	Percent
0	Not chosen	66	85.7%
1	Chosen	11	14.3%

Variable name	Q10f_InfraSenOtherT*		
Variable label	[Q10f] Infrastructure for sensitive data - Other [text]		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Infrastructure for sensitive data		
Value label	Value description		
[many]	[string]		

Variable name	Q10f_InfraSenNo		
Variable label	[Q10f] Infrastructure for sensitive data - No known support		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Infrastructure for sensitive data		
Value label	Value description	Count	Percent
0	Not chosen	53	68.8%
1	Chosen	24	31.2%

Variable name	Q10f_InfraSenDK		
Variable label	[Q10f] Infrastructure for sensitive data - Don't know		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Infrastructure for sensitive data		
Value label	Value description	Count	Percent
0	Not chosen	58	75.3%
1	Chosen	19	24.7%

Variable name	Q10g_InfraOtherHPC		
Variable label	[Q10g] Other RDM infrastructure - Researchers have access to institutional High-Performance Computing infrastructure		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Other research data management infrastructures		
Value label	Value description	Count	Percent
0	Not chosen	46	59.7%
1	Chosen	31	40.3%

Variable name	Q10g_InfraOtherColl		
Variable label	[Q10g] Other RDM infrastructure - The institution supports research collaboration tools		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Other research data management infrastructures		
Value label	Value description	Count	Percent
0	Not chosen	61	79.2%
1	Chosen	16	20.8%

Variable name	Q10g_InfraOtherELN		
----------------------	---------------------------	--	--

Variable label	[Q10g] Other RDM infrastructure - The institution supports researchers' access to Electronic Lab Notebooks		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Other research data management infrastructures		
Value label	Value description	Count	Percent
0	Not chosen	72	93.5%
1	Chosen	5	6.5%

Variable name	Q10g_InfraOtherEDC		
Variable label	[Q10g] Other RDM infrastructure - The institution supports researchers' access to electronic data collection tools		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Other research data management infrastructures		
Value label	Value description	Count	Percent
0	Not chosen	50	64.9%
1	Chosen	27	35.1%

Variable name	Q10g_InfraOtherQuan		
Variable label	[Q10g] Other RDM infrastructure - The institution supports researchers' access to commercial quantitative research software		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Other research data management infrastructures		
Value label	Value description	Count	Percent
0	Not chosen	27	35.1%
1	Chosen	50	64.9%

Variable name	Q10g_InfraOtherQual		
Variable label	[Q10g] Other RDM infrastructure - The institution supports researchers' access to commercial qualitative research software		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Other research data management infrastructures		
Value label	Value description	Count	Percent
0	Not chosen	40	51.9%
1	Chosen	37	48.1%

Variable name	Q10g_InfraOtherOther		
Variable label	[Q10g] Other RDM infrastructure - Other		
Survey question	What research data management infrastructure does your institution have access to? Check all that apply. Other research data management infrastructures		
Value label	Value description	Count	Percent
0	Not chosen	56	72.7%
1	Chosen	21	27.3%

Variable name Q10g_InfraOtherOtherT*

Variable label [Q10g] Other RDM infrastructure - Other [text]

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Other research data management infrastructures

Value label [many]

Value description [string]

Variable name Q10g_InfraOtherDK

Variable label [Q10g] Other RDM infrastructure - Don't know

Survey question What research data management infrastructure does your institution have access to? Check all that apply.
Other research data management infrastructures

Value label	Value description	Count	Percent
0	Not chosen	64	83.1%
1	Chosen	13	16.9%

Resources

Variable name Q11_ResHuman

Variable label [Q11] Resources required to streamline RDM at institution - Human resources

Survey question What resources are required at this time to streamline research data management at your institutional level? Please rank them in order of priority.

Value label	Value description	Count	Percent
1	1 - Highest priority	29	37.7%
2	2	19	24.7%
3	3	10	13.0%
4	4	6	7.8%
5	5	2	2.6%
6	6 - lowest priority	3	3.9%
99	Not chosen	8	10.4%

Variable name Q11_ResPolicy

Variable label [Q11] Resources required to streamline RDM at institution - Policy guidance

Survey question What resources are required at this time to streamline research data management at your institutional level? Please rank them in order of priority.

Value label	Value description	Count	Percent
1	1 - Highest priority	17	22.1%
2	2	11	14.3%
3	3	15	19.5%
4	4	12	15.6%
5	5	15	19.5%
6	6 - lowest priority	2	2.6%
99	Not chosen	5	6.5%

Variable name Q11_ResLegal

Variable label	[Q11] Resources required to streamline RDM at institution - Legal guidance		
Survey question	What resources are required at this time to streamline research data management at your institutional level? Please rank them in order of priority.		
Value label	Value description	Count	Percent
1	1 - Highest priority	0	0.0%
2	2	3	3.9%
3	3	8	10.4%
4	4	20	26.0%
5	5	40	51.9%
6	6 - lowest priority	1	1.3%
99	Not chosen	5	6.5%

Variable name	Q11_ResFin		
Variable label	[Q11] Resources required to streamline RDM at institution - Financial resources		
Survey question	What resources are required at this time to streamline research data management at your institutional level? Please rank them in order of priority.		
Value label	Value description	Count	Percent
1	1 - Highest priority	13	16.9%
2	2	27	35.1%
3	3	11	14.3%
4	4	15	19.5%
5	5	6	7.8%
6	6 - lowest priority	2	2.6%
99	Not chosen	3	3.9%

Variable name	Q11_ResTech		
Variable label	[Q11] Resources required to streamline RDM at institution - Technical resources		
Survey question	What resources are required at this time to streamline research data management at your institutional level? Please rank them in order of priority.		
Value label	Value description	Count	Percent
1	1 - Highest priority	11	14.3%
2	2	14	18.2%
3	3	28	36.4%
4	4	17	22.1%
5	5	5	6.5%
6	6 - lowest priority	1	1.3%
99	Not chosen	1	1.3%

Variable name	Q11_ResOther		
Variable label	[Q11] Resources required to streamline RDM at institution - Other		
Survey question	What resources are required at this time to streamline research data management at your institutional level? Please rank them in order of priority.		
Value label	Value description	Count	Percent
1	1 - Highest priority	4	5.2%
2	2	0	0.0%
3	3	0	0.0%
4	4	0	0.0%

5	5	0	0.0%
6	6 - lowest priority	5	6.5%
99	Not chosen	68	88.3%

Variable name Q11_ResOtherT*
Variable label [Q11] Resources required to streamline RDM at institution - Other [text]
Survey question If you selected 'Other' above, please elaborate
Value label **Value description**
[many] [string]

Skills

Variable name Q12_SkillLegal
Variable label [Q12] Level skills available at institution - Legal skills (licensing, Intellectual Property, etc
Survey question Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.
Value label **Value description** **Count** **Percent**

1	Fully available	15	19.5%
2	Partially available, but more needed	48	62.3%
3	Not available, but needed	8	10.4%
4	Don't know	3	3.9%
99	Not chosen	3	3.9%

Variable name Q12_SkillTech
Variable label [Q12] Level skills available at institution - Technical skills in managing sensitive data
Survey question Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.
Value label **Value description** **Count** **Percent**

1	Fully available	7	9.1%
2	Partially available, but more needed	43	55.8%
3	Not available, but needed	17	22.1%
4	Don't know	8	10.4%
99	Not chosen	2	2.6%

Variable name Q12_SkillDataSec
Variable label [Q12] Level skills available at institution - Data security and risk management skills
Survey question Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.
Value label **Value description** **Count** **Percent**

1	Fully available	15	19.5%
2	Partially available, but more needed	39	50.6%
3	Not available, but needed	15	19.5%
4	Don't know	6	7.8%
99	Not chosen	2	2.6%

Variable name Q12_SkillAnalysis
Variable label [Q12] Level skills available at institution - Data analysis and visualization skills

Survey question	Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.		
Value label	Value description	Count	Percent
1	Fully available	20	26.0%
2	Partially available, but more needed	38	49.4%
3	Not available, but needed	6	7.8%
4	Don't know	11	14.3%
99	Not chosen	2	2.6%

Variable name	Q12_SkillMetadata		
Variable label	[Q12] Level skills available at institution - Metadata creation skills		
Survey question	Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.		
Value label	Value description	Count	Percent
1	Fully available	18	23.4%
2	Partially available, but more needed	35	45.5%
3	Not available, but needed	10	13.0%
4	Don't know	12	15.6%
99	Not chosen	2	2.6%

Variable name	Q12_SkillCuration		
Variable label	[Q12] Level skills available at institution - Data curation skills		
Survey question	Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.		
Value label	Value description	Count	Percent
1	Fully available	9	11.7%
2	Partially available, but more needed	40	51.9%
3	Not available, but needed	17	22.1%
4	Don't know	9	11.7%
99	Not chosen	2	2.6%

Variable name	Q12_SkillPres		
Variable label	[Q12] Level skills available at institution - Data preservation skills		
Survey question	Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.		
Value label	Value description	Count	Percent
1	Fully available	15	19.5%
2	Partially available, but more needed	36	46.8%
3	Not available, but needed	19	24.7%
4	Don't know	5	6.5%
99	Not chosen	2	2.6%

Variable name	Q12_SkillEInfra		
Variable label	[Q12] Level skills available at institution - Technical skills in the area of e-infrastructures		
Survey question	Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.		
Value label	Value description	Count	Percent

1	Fully available	13	16.9%
2	Partially available, but more needed	38	49.4%
3	Not available, but needed	11	14.3%
4	Don't know	13	16.9%
99	Not chosen	2	2.6%

Variable name **Q12_SkillSoftware**
Variable label [Q12] Level skills available at institution - Research software development skills
Survey question Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.

Value label	Value description	Count	Percent
1	Fully available	5	6.5%
2	Partially available, but more needed	24	31.2%
3	Not available, but needed	26	33.8%
4	Don't know	20	26.0%
99	Not chosen	2	2.6%

Variable name **Q12_SkillRes**
Variable label [Q12] Level skills available at institution - Researchers' operational data management skills
Survey question Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.

Value label	Value description	Count	Percent
1	Fully available	4	5.2%
2	Partially available, but more needed	41	53.2%
3	Not available, but needed	18	23.4%
4	Don't know	11	14.3%
99	Not chosen	3	3.9%

Variable name **Q12_SkillNatPolicy**
Variable label [Q12] Level skills available at institution - Knowledge of national policies
Survey question Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.

Value label	Value description	Count	Percent
1	Fully available	22	28.6%
2	Partially available, but more needed	44	57.1%
3	Not available, but needed	5	6.5%
4	Don't know	4	5.2%
99	Not chosen	2	2.6%

Variable name **Q12_SkillAdvisor**
Variable label [Q12] Level skills available at institution - Advisory skills on technical, organizational and operational matters
Survey question Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.

Value label	Value description	Count	Percent
1	Fully available	9	11.7%
2	Partially available, but more needed	45	58.4%

3	Not available, but needed	14	18.2%
4	Don't know	7	9.1%
99	Not chosen	2	2.6%

Variable name	Q12_SkillOther		
Variable label	[Q12] Level skills available at institution - Other		
Survey question	Different skills are needed to further support research data management. At what level are the following skills available at your institution? Check all that apply.		
Value label	Value description	Count	Percent
1	Fully available	1	1.3%
2	Partially available, but more needed	0	0.0%
3	Not available, but needed	2	2.6%
4	Don't know	2	2.6%
99	Not chosen	72	93.5%

Variable name	Q12_SkillOtherT*		
Variable label	[Q12] Level skills available at institution - Other [text]		
Survey question	If you selected 'Other' above, please elaborate		
Value label	Value description		
[many]	[string]		

Support

Variable name	Q13_SuppWebLib		
Variable label	[Q13] Units or products support services - Informational website(s) on research data management: Library		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	28	36.4%
1	Chosen	49	63.6%

Variable name	Q13_SuppWebIT		
Variable label	[Q13] Units or products support services - Informational website(s) on research data management: IT		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	65	84.4%
1	Chosen	12	15.6%

Variable name	Q13_SuppWebJoint
----------------------	-------------------------

Variable label [Q13] Units or products support services - Informational website(s) on research data management: Joint services

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name Q13_SuppWebDis

Variable label [Q13] Units or products support services - Informational website(s) on research data management: Disciplinary resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	69	89.6%
1	Chosen	8	10.4%

Variable name Q13_SuppWebReg

Variable label [Q13] Units or products support services - Informational website(s) on research data management: Regional consortial

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	63	81.8%
1	Chosen	14	18.2%

Variable name Q13_SuppWebNat

Variable label [Q13] Units or products support services - Informational website(s) on research data management: National resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	45	58.4%
1	Chosen	32	41.6%

Variable name Q13_SuppWebComm

Variable label [Q13] Units or products support services - Informational website(s) on research data management: Commercial products

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open

platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	72	93.5%
1	Chosen	5	6.5%

Variable name Q13_SuppWebPlan

Variable label [Q13] Units or products support services - Informational website(s) on research data management: Plan to provide

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	63	81.8%
1	Chosen	14	18.2%

Variable name Q13_SuppAdvLib

Variable label [Q13] Units or products support services - Advisory services: Library

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	36	46.8%
1	Chosen	41	53.2%

Variable name Q13_SuppAdvIT

Variable label [Q13] Units or products support services - Advisory services : IT

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	68	88.3%
1	Chosen	9	11.7%

Variable name Q13_SuppAdvJoint

Variable label [Q13] Units or products support services - Advisory services : Joint services

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	64	83.1%
1	Chosen	13	16.9%

Variable name Q13_SuppAdvDis

Variable label [Q13] Units or products support services - Advisory services : Disciplinary resources
Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	72	93.5%
1	Chosen	5	6.5%

Variable name Q13_SuppAdvReg

Variable label [Q13] Units or products support services - Advisory services : Regional consortial
Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	72	93.5%
1	Chosen	5	6.5%

Variable name Q13_SuppAdvNat

Variable label [Q13] Units or products support services - Advisory services : National resources
Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	64	83.1%
1	Chosen	13	16.9%

Variable name Q13_SuppAdvComm

Variable label [Q13] Units or products support services - Advisory services : Commercial products
Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name Q13_SuppAdvPlan

Variable label [Q13] Units or products support services - Advisory services : Plan to provide
Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	56	72.7%
1	Chosen	21	27.3%

Variable name	Q13_SuppTechLib		
Variable label	[Q13] Units or products support services - Technical support with data encryption, anonymization, etc.: Library		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name	Q13_SuppTechIT		
Variable label	[Q13] Units or products support services - Technical support with data encryption, anonymization, etc.: IT		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	47	61.0%
1	Chosen	30	39.0%

Variable name	Q13_SuppTechJoint		
Variable label	[Q13] Units or products support services - Technical support with data encryption, anonymization, etc.: Joint services		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name	Q13_SuppTechDis		
Variable label	[Q13] Units or products support services - Technical support with data encryption, anonymization, etc.: Disciplinary resources		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	67	87.0%
1	Chosen	10	13.0%

Variable name	Q13_SuppTechReg		
Variable label	[Q13] Units or products support services - Technical support with data encryption, anonymization, etc.: Regional consortial		

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	73	94.8%
1	Chosen	4	5.2%

Variable name Q13_SuppTechNat

Variable label [Q13] Units or products support services - Technical support with data encryption, anonymization, etc.: National resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	73	94.8%
1	Chosen	4	5.2%

Variable name Q13_SuppTechComm

Variable label [Q13] Units or products support services - Technical support with data encryption, anonymization, etc.: Commercial products

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name Q13_SuppTechPlan

Variable label [Q13] Units or products support services - Technical support with data encryption, anonymization, etc.: Plan to provide

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	51	66.2%
1	Chosen	26	33.8%

Variable name Q13_SuppComLib

Variable label [Q13] Units or products support services - Data computing services: Library

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
--------------------	--------------------------	--------------	----------------

0	Not chosen	60	77.9%
1	Chosen	17	22.1%

Variable name	Q13_SuppComIT		
Variable label	[Q13] Units or products support services - Data computing services: IT		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	58	75.3%
1	Chosen	19	24.7%

Variable name	Q13_SuppComJoint		
Variable label	[Q13] Units or products support services - Data computing services: Joint services		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	69	89.6%
1	Chosen	8	10.4%

Variable name	Q13_SuppComDis		
Variable label	[Q13] Units or products support services - Data computing services: Disciplinary resources		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	63	81.8%
1	Chosen	14	18.2%

Variable name	Q13_SuppComReg		
Variable label	[Q13] Units or products support services - Data computing services: Regional consortia		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name	Q13_SuppComNat		
Variable label	[Q13] Units or products support services - Data computing services: National consortia		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open		

platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	69	89.6%
1	Chosen	8	10.4%

Variable name Q13_SuppComComm

Variable label [Q13] Units or products support services - Data computing services: Commercial products

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name Q13_SuppComPlan

Variable label [Q13] Units or products support services - Data computing services: Plan to provide

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	54	70.1%
1	Chosen	23	29.9%

Variable name Q13_SuppTrainLib

Variable label [Q13] Units or products support services - General RDM best practices or DMP training: Library

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	40	51.9%
1	Chosen	37	48.1%

Variable name Q13_SuppTrainIT

Variable label [Q13] Units or products support services - General RDM best practices or DMP training: IT

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	73	94.8%
1	Chosen	4	5.2%

Variable name Q13_SuppTrainJoint

Variable label [Q13] Units or products support services - General RDM best practices or DMP training: Joint services

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	67	87.0%
1	Chosen	10	13.0%

Variable name Q13_SuppTrainDis

Variable label [Q13] Units or products support services - General RDM best practices or DMP training: Disciplinary resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	74	96.1%
1	Chosen	3	3.9%

Variable name Q13_SuppTrainReg

Variable label [Q13] Units or products support services - General RDM best practices or DMP training: Regional consortial

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	70	90.9%
1	Chosen	7	9.1%

Variable name Q13_SuppTrainNat

Variable label [Q13] Units or products support services - General RDM best practices or DMP training: National resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	57	74.0%
1	Chosen	20	26.0%

Variable name Q13_SuppTrainComm

Variable label [Q13] Units or products support services - General RDM best practices or DMP training: Commercial products

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open

platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	77	100.0%
1	Chosen	0	0.0%

Variable name Q13_SuppTrainPlan

Variable label [Q13] Units or products support services - General RDM best practices or DMP training: Plan to provide

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	51	66.2%
1	Chosen	26	33.8%

Variable name Q13_SuppWorkLib

Variable label [Q13] Units or products support services - Targeted hands-on RDM workshops: Library

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	44	57.1%
1	Chosen	33	42.9%

Variable name Q13_SuppWorkIT

Variable label [Q13] Units or products support services - Targeted hands-on RDM workshops: IT

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name Q13_SuppWorkJoint

Variable label [Q13] Units or products support services - Targeted hands-on RDM workshops: Joint services

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name Q13_SuppWorkDis

Variable label [Q13] Units or products support services - Targeted hands-on RDM workshops: Disciplinary resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name Q13_SuppWorkReg

Variable label [Q13] Units or products support services - Targeted hands-on RDM workshops: Regional consortial

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	67	87.0%
1	Chosen	10	13.0%

Variable name Q13_SuppWorkNat

Variable label [Q13] Units or products support services - Targeted hands-on RDM workshops: National resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	61	79.2%
1	Chosen	16	20.8%

Variable name Q13_SuppWorkComm

Variable label [Q13] Units or products support services - Targeted hands-on RDM workshops: Commercial products

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	77	100.0%
1	Chosen	0	0.0%

Variable name Q13_SuppWorkPlan

Variable label [Q13] Units or products support services - Targeted hands-on RDM workshops: Plan to provide

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open

platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	42	54.5%
1	Chosen	35	45.5%

Variable name Q13_SuppCurLib

Variable label [Q13] Units or products support services - Curation support: Library

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	38	49.4%
1	Chosen	39	50.6%

Variable name Q13_SuppCurIT

Variable label [Q13] Units or products support services - Curation support: IT

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	75	97.4%
1	Chosen	2	2.6%

Variable name Q13_SuppCurJoint

Variable label [Q13] Units or products support services - Curation support: Joint services

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	72	93.5%
1	Chosen	5	6.5%

Variable name Q13_SuppCurDis

Variable label [Q13] Units or products support services - Curation support: Disciplinary resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	73	94.8%
1	Chosen	4	5.2%

Variable name Q13_SuppCurReg

Variable label [Q13] Units or products support services - Curation support: Regional consortial

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	70	90.9%
1	Chosen	7	9.1%

Variable name Q13_SuppCurNat

Variable label [Q13] Units or products support services - Curation support: National resources

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	66	85.7%
1	Chosen	11	14.3%

Variable name Q13_SuppCurComm

Variable label [Q13] Units or products support services - Curation support: Commercial products

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	77	100.0%
1	Chosen	0	0.0%

Variable name Q13_SuppCurPlan

Variable label [Q13] Units or products support services - Curation support: Plan to provide

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	51	66.2%
1	Chosen	26	33.8%

Variable name Q13_SuppFinLib

Variable label [Q13] Units or products support services - Specific financial support to researchers: Library

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q13_SuppFinIT		
Variable label	[Q13] Units or products support services - Specific financial support to researchers: IT		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q13_SuppFinJoint		
Variable label	[Q13] Units or products support services - Specific financial support to researchers: Joint services		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	70	90.9%
1	Chosen	7	9.1%

Variable name	Q13_SuppFinDis		
Variable label	[Q13] Units or products support services - Specific financial support to researchers: Disciplinary resources		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	73	94.8%
1	Chosen	4	5.2%

Variable name	Q13_SuppFinReg		
Variable label	[Q13] Units or products support services - Specific financial support to researchers: Regional consortial resources		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q13_SuppFinNat		
Variable label	[Q13] Units or products support services - Specific financial support to researchers: National resources		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open		

platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	72	93.5%
1	Chosen	5	6.5%

Variable name Q13_SuppFinComm

Variable label [Q13] Units or products support services - Specific financial support to researchers: Commercial products

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	77	100.0%
1	Chosen	0	0.0%

Variable name Q13_SuppFinPlan

Variable label [Q13] Units or products support services - Specific financial support to researchers: Plan to provide

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	52	67.5%
1	Chosen	25	32.5%

Variable name Q13_SuppOtherLib

Variable label [Q13] Units or products support services - Other: : Library

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	75	97.4%
1	Chosen	2	2.6%

Variable name Q13_SuppOtherIT

Variable label [Q13] Units or products support services - Other: IT

Survey question Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q13_SuppOtherJoint		
Variable label	[Q13] Units or products support services - Other: Joint services		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	75	97.4%
1	Chosen	2	2.6%

Variable name	Q13_SuppOtherDis		
Variable label	[Q13] Units or products support services - Other: Disciplinary resources		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q13_SuppOtherReg		
Variable label	[Q13] Units or products support services - Other: Regional consortial		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q13_SuppOtherNat		
Variable label	[Q13] Units or products support services - Other: National resources		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q13_SuppOtherComm		
Variable label	[Q13] Units or products support services - Other: Commercial products		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	76	98.7%

1	Chosen	1	1.3%
---	--------	---	------

Variable name	Q13_SuppOtherPlan		
Variable label	[Q13] Units or products support services - Other: Plan to provide		
Survey question	Research data management support can be a composite of services provided by different units at an institution, as well as regional and national efforts. Infrastructure may also consist of open platform/not-for-profit and commercial/publisher packages. Which units or products within and outside your institution support each of the following services? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q13_SuppOtherT*		
Variable label	[Q13] Units or products support services - Other: [text]		
Survey question	If you selected 'Other' above, please elaborate		
Value label	Value description		
[many]	[string]		

Institutional Strategy and Policies

Variable name	Q14a_RDMStr		
Variable label	[Q14a] Have RDM strategy		
Survey question	Does your institution currently have a research data management strategy?		
Value label	Value description	Count	Percent
1	Yes	4	5.2%
2	No	34	44.2%
3	Under development	35	45.5%
4	Don't know	1	1.3%
99	Not chosen	3	3.9%

Variable name	Q14b_RDMStrFAIR		
Variable label	[Q14b] RDM Strategy elements covered - Make research data FAIR (findable, accessible, interoperable and reusable)		
Survey question	If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	49	63.6%
1	Chosen	28	36.4%

Variable name	Q14b_RDMStrSen		
Variable label	[Q14b] RDM Strategy elements covered - Specific guidelines for sensitive data		
Survey question	If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	52	67.5%
1	Chosen	25	32.5%

Variable name	Q14b_RDMStrStor		
----------------------	------------------------	--	--

Variable label	[Q14b] RDM Strategy elements covered - Provisions for data storage		
Survey question	If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	47	61.0%
1	Chosen	30	39.0%

Variable name	Q14b_RDMStrDis		
Variable label	[Q14b] RDM Strategy elements covered - Provisions for specific disciplinary areas		
Survey question	If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	65	84.4%
1	Chosen	12	15.6%

Variable name	Q14b_RDMStrPer		
Variable label	[Q14b] RDM Strategy elements covered - Provision for handling personal data		
Survey question	If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	49	63.6%
1	Chosen	28	36.4%

Variable name	Q14b_RDMStrLegal		
Variable label	[Q14b] RDM Strategy elements covered - Legal support		
Survey question	If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	65	84.4%
1	Chosen	12	15.6%

Variable name	Q14b_RDMStrLicense		
Variable label	[Q14b] RDM Strategy elements covered - Licenses		
Survey question	If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	63	81.8%
1	Chosen	14	18.2%

Variable name	Q14b_RDMStrOther		
Variable label	[Q14b] RDM Strategy elements covered - Other		
Survey question	If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	66	85.7%
1	Chosen	11	14.3%

Variable name Q14b_RDMStrOtherT*

Variable label [Q14b] RDM Strategy elements covered - Other [text]

Survey question If you selected 'a' or 'c' in Question 14 (A), what elements are covered by your institutional strategy on research data management? Check all that apply.

Value label [many]

Value description [string]

Variable name	Q15a_RDMPol		
Variable label	[Q15a] Have RDM Policy		
Survey question	Does your institution currently have a research data management policy?		
Value label	Value description	Count	Percent
1	Yes	6	7.8%
2	No	55	71.4%
3	Under development	11	14.3%
4	Don't know	0	0.0%
99	Not chosen	5	6.5%

Variable name	Q15b_RDMPolFAIR		
Variable label	[Q15b] RDM Policy elements covered - Make research data FAIR (findable, accessible, interoperable and reusable)		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	66	85.7%
1	Chosen	11	14.3%

Variable name	Q15b_RDMPolSensitive		
Variable label	[Q15b] RDM Policy elements covered - Specific guidelines for sensitive data		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	64	83.1%
1	Chosen	13	16.9%

Variable name	Q15b_RDMPolStor		
Variable label	[Q15b] RDM Policy elements covered - Provisions for data storage		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	61	79.2%
1	Chosen	16	20.8%

Variable name	Q15b_RDMPolDis		
Variable label	[Q15b] RDM Policy elements covered - Provisions for specific disciplinary areas		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description	Count	Percent

0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name	Q15b_RDMPolPer		
Variable label	[Q15b] RDM Policy elements covered - Provision for handling personal data		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	62	80.5%
1	Chosen	15	19.5%

Variable name	Q15b_RDMPolLegal		
Variable label	[Q15b] RDM Policy elements covered - Legal support		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	71	92.2%
1	Chosen	6	7.8%

Variable name	Q15b_RDMPolLicense		
Variable label	[Q15b] RDM Policy elements covered - Licenses		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	74	96.1%
1	Chosen	3	3.9%

Variable name	Q15b_RDMPolOther		
Variable label	[Q15b] RDM Policy elements covered - Other		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	76	98.7%
1	Chosen	1	1.3%

Variable name	Q15b_RDMPolOtherT*		
Variable label	[Q15b] RDM Policy elements covered - Other [text]		
Survey question	If you selected response 'a' or 'c' in Question 15 (A), what elements are covered by your institutional policy on research data management? Check all that apply.		
Value label	Value description		
[many]	[string]		

Variable name	Q16_PolicyOwn		
Variable label	[Q16] Guideline or policy in ownership of research data		
Survey question	Is there a guideline/policy at your institution on the ownership of research data?		
Value label	Value description	Count	Percent
1	No	17	22.1%

2	Yes, researcher owns the data	23	29.9%
3	Yes, the institution owns the data	7	9.1%
4	Other	18	23.4%
5	Don't know	9	11.7%
99	Not chosen	3	3.9%

Variable name Q16_PolicyOwnOther*
Variable label [Q16] Guideline or policy in ownership of research data - Other
Survey question Is there a guideline/policy at your institution on the ownership of research data? Other
Value label **Value description**
[many] [string]

Variable name Q17a_PolicyRet
Variable label [Q17a] Guideline or policy on minimum retention period
Survey question Is there a guideline/policy at your institution on the minimum retention period for research data?

Value label	Value description	Count	Percent
1	Yes	28	36.4%
2	No	34	44.2%
3	Don't know	11	14.3%
99	Not chosen	4	5.2%

Variable name Q17b_PolicyRetLength*
Variable label [Q17b] Guideline or policy on minimum retention period - length
Survey question If you responded 'Yes' to Question 17, please indicate the length of the retention period.
Value label **Value description**
[many] [string]

Variable name Q18_PolicyLicense
Variable label [Q18] Guideline or policy on how researchers license research data
Survey question Is there a guideline/policy at your institution on how researchers should license their research data?

Value label	Value description	Count	Percent
1	Yes	10	13.0%
2	No	47	61.0%
3	Other	5	6.5%
4	Don't know	12	15.6%
99	Not chosen	3	3.9%

Variable name Q18_PolicyLicenseT*
Variable label [Q18] Guideline or policy on how researchers license research data - Other
Survey question Is there a guideline/policy at your institution on how researchers should license their research data? Other
Value label **Value description**
[many] [string]

Business plans and sustainability

Variable name	Q19_BudgetRDM*		
Variable label	[Q19] How institution budget for RDM service		
Survey question	How does your institution budget for research data management services?		
Value label	Value description		
	[many]	[string]	

Variable name	Q20a_InvestTech		
Variable label	[Q20a] How institution will invest in RDM technology - Base level of investment in technical infrastructure		
Survey question	How is your institution planning to invest in research data management technology? (check all that apply)		
Value label	Value description	Count	Percent
	0 Not chosen	62	80.5%
	1 Chosen	15	19.5%

Variable name	Q20b_InvestIT		
Variable label	[Q20b] How institution will invest in RDM technology - Coordinate institutional investment through centralized IT services		
Survey question	How is your institution planning to invest in research data management technology? (check all that apply)		
Value label	Value description	Count	Percent
	0 Not chosen	65	84.4%
	1 Chosen	12	15.6%

Variable name	Q20c_InvestSelectStage		
Variable label	[Q20c] How institution will invest in RDM technology - Prioritize selected stages of the data life cycle		
Survey question	How is your institution planning to invest in research data management technology? (check all that apply)		
Value label	Value description	Count	Percent
	0 Not chosen	69	89.6%
	1 Chosen	8	10.4%

Variable name	Q20d_InvestLifeCycle		
Variable label	[Q20d] How institution will invest in RDM technology - Dedicated to support all aspects of the data life cycle		
Survey question	How is your institution planning to invest in research data management technology? (check all that apply)		
Value label	Value description	Count	Percent
	0 Not chosen	70	90.9%
	1 Chosen	7	9.1%

Variable name	Q20e_InvestRes		
Variable label	[Q20e] How institution will invest in RDM technology - Investment will be adapted to meet researchers' needs		
Survey question	How is your institution planning to invest in research data management technology? (check all that apply)		
Value label	Value description	Count	Percent
0	Not chosen	58	75.3%
1	Chosen	19	24.7%

Variable name	Q20f_InvestDK		
Variable label	[Q20f] How institution will invest in RDM technology - Don't know		
Survey question	How is your institution planning to invest in research data management technology? (check all that apply)		
Value label	Value description	Count	Percent
0	Not chosen	43	55.8%
1	Chosen	34	44.2%

Variable name	Q20g_InvestOther		
Variable label	[Q20g] How institution will invest in RDM technology - Other		
Survey question	How is your institution planning to invest in research data management technology? (check all that apply)		
Value label	Value description	Count	Percent
0	Not chosen	64	83.1%
1	Chosen	13	16.9%

Variable name	Q20g_InvestOtherT*		
Variable label	[Q20g] How institution will invest in RDM technology - Other [text]		
Survey question	How is your institution planning to invest in research data management technology? (check all that apply) Other		
Value label	Value description		
[many]	[string]		

Variable name	Q21_PosWillCreate*		
Variable label	[Q21] Data management positions planning to create in next 2 years		
Survey question	What data management positions (if any) is your institution planning to create within the next 2 years (please provide associated job titles)? (for example, data management coordinator, data protection officer, data management librarian, data curation specialist, data managers, or data scientists)		
Value label	Value description		
[many]	[string]		

Variable name	Q22a_ProgramStaff		
Variable label	[Q22a] Have professional development program on RDM for staff		
Survey question	Does your institution currently have a professional development program focusing on research data management for staff (for example, reskilling or new skill development)?		
Value label	Value description	Count	Percent

1	Yes	12	15.6%
2	No	58	75.3%
3	Don't know	3	3.9%
99	Not chosen	4	5.2%

Variable name	Q22b_ProgramStaffT*		
Variable label	[Q22b] How RDM program for staff implemented		
Survey question	If you responded 'Yes' to Question 22, how (what program / curriculum / pedagogical framework is implemented?)		
Value label	Value description		
[many]	[string]		

Variable name	Q23a_ProgramRes		
Variable label	[Q23a] Have professional development program on RDM for researchers		
Survey question	Does your institution currently have a professional development program focusing on research data management for researchers (graduate students, post-docs, and faculty members)?		
Value label	Value description	Count	Percent
1	Yes	12	15.6%
2	No	58	75.3%
3	Don't know	3	3.9%
99	Not chosen	4	5.2%

Variable name	Q23b_ProgramResT*		
Variable label	[Q23b] How RDM program fro researchers implemented		
Survey question	If you responded 'Yes' to Question 23, how (what program / curriculum / pedagogical framework is implemented?)		
Value label	Value description		
[many]	[string]		

Collaboration

Variable name	Q24a_CollReg		
Variable label	[Q24a] Institution partner with/contribute to - Regional RDM initiative/network/collaboration		
Survey question	Does your institution partner with or contribute to any of the following research data management initiatives?		
Value label	Value description	Count	Percent
0	Not chosen	33	42.9%
1	Chosen	44	57.1%

Variable name	Q24b_CollNat		
Variable label	[Q24b] Institution partner with/contribute to - National RDM initiative/network/collaboration		
Survey question	Does your institution partner with or contribute to any of the following research data management initiatives?		
Value label	Value description	Count	Percent
0	Not chosen	37	48.1%
1	Chosen	40	51.9%

Variable name	Q24c_CollInt
----------------------	---------------------

Variable label	[Q24c] Institution partner with/contribute to - International RDM initiative/network/collaboration		
Survey question	Does your institution partner with or contribute to any of the following research data management initiatives?		
Value label	Value description	Count	Percent
0	Not chosen	67	87.0%
1	Chosen	10	13.0%

Variable name	Q24d_CollDis		
Variable label	[Q24d] Institution partner with/contribute to - Disciplinary RDM initiative/network/collaboration		
Survey question	Does your institution partner with or contribute to any of the following research data management initiatives?		
Value label	Value description	Count	Percent
0	Not chosen	68	88.3%
1	Chosen	9	11.7%

Variable name	Q24e_CollOther		
Variable label	[Q24e] Institution partner with/contribute to - Other		
Survey question	Does your institution partner with or contribute to any of the following research data management initiatives?		
Value label	Value description	Count	Percent
0	Not chosen	67	87.0%
1	Chosen	10	13.0%

Variable name	Q24f_CollOtherT*		
Variable label	[Q24f] Institution partner with/contribute to - Other [text]		
Survey question	Does your institution partner with or contribute to any of the following research data management initiatives?		
Value label	Value description		
[many]	[string]		

Awareness

Variable name	Q25_AwareInst		
Variable label	[Q25] Level of awareness of stakeholder groups at institution - Institutional leadership		
Survey question	Rate the level of awareness of each of the following stakeholder groups at your institution regarding Tri-Agency research data management policy development:		
Value label	Value description	Count	Percent
1	Don't know	5	6.5%
2	Very low	10	13.0%
3	Low	17	22.1%
4	Neither high or low	19	24.7%
5	High	15	19.5%
6	Very high	6	7.8%
99	Not chosen	5	6.5%

Variable name	Q25_AwareLib
----------------------	---------------------

Variable label	[Q25] Level of awareness of stakeholder groups at institution - Librarians		
Survey question	Rate the level of awareness of each of the following stakeholder groups at your institution regarding Tri-Agency research data management policy development:		
Value label	Value description	Count	Percent
	1 Don't know	4	5.2%
	2 Very low	5	6.5%
	3 Low	7	9.1%
	4 Neither high or low	22	28.6%
	5 High	20	26.0%
	6 Very high	14	18.2%
	99 Not chosen	5	6.5%

Variable name	Q25_AwareEarlyRes		
Variable label	[Q25] Level of awareness of stakeholder groups at institution - Early-stage researchers (graduate students, Postdocs, new faculty members)		
Survey question	Rate the level of awareness of each of the following stakeholder groups at your institution regarding Tri-Agency research data management policy development:		
Value label	Value description	Count	Percent
	1 Don't know	11	14.3%
	2 Very low	19	24.7%
	3 Low	25	32.5%
	4 Neither high or low	16	20.8%
	5 High	1	1.3%
	6 Very high	0	0.0%
	99 Not chosen	5	6.5%

Variable name	Q25_AwareMidRes		
Variable label	[Q25] Level of awareness of stakeholder groups at institution - Mid-career researchers		
Survey question	Rate the level of awareness of each of the following stakeholder groups at your institution regarding Tri-Agency research data management policy development:		
Value label	Value description	Count	Percent
	1 Don't know	12	15.6%
	2 Very low	12	15.6%
	3 Low	25	32.5%
	4 Neither high or low	15	19.5%
	5 High	7	9.1%
	6 Very high	1	1.3%
	99 Not chosen	5	6.5%

Variable name	Q25_AwareSeniorRes		
Variable label	[Q25] Level of awareness of stakeholder groups at institution - Senior researchers		
Survey question	Rate the level of awareness of each of the following stakeholder groups at your institution regarding Tri-Agency research data management policy development:		
Value label	Value description	Count	Percent
	1 Don't know	13	16.9%
	2 Very low	10	13.0%
	3 Low	26	33.8%

4	Neither high or low	12	15.6%
5	High	8	10.4%
6	Very high	3	3.9%
99	Not chosen	5	6.5%

Barriers and challenges

Variable name	Q26a_BarBenefit
Variable label	[Q26a] Barriers/challenges to support RDM/FAIR principles - Limited awareness of the benefits of RDM
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	22	28.6%
1	Chosen	55	71.4%

Variable name	Q26b_BarResist
Variable label	[Q26b] Barriers/challenges to support RDM/FAIR principles - Resistance to making data available or to share data
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	28	36.4%
1	Chosen	49	63.6%

Variable name	Q26c_BarLegal
Variable label	[Q26c] Barriers/challenges to support RDM/FAIR principles - Concerns over legal frameworks
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	43	55.8%
1	Chosen	34	44.2%

Variable name	Q26d_BarCost
Variable label	[Q26d] Barriers/challenges to support RDM/FAIR principles - Concerns over increased costs
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	31	40.3%
1	Chosen	46	59.7%

Variable name	Q26e_BarTech
Variable label	[Q26e] Barriers/challenges to support RDM/FAIR principles - Technical complexity

Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	31	40.3%
1	Chosen	46	59.7%
Variable name	Q26f_BarConfid		
Variable label	[Q26f] Barriers/challenges to support RDM/FAIR principles - Limitations of confidentiality clauses		
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	30	39.0%
1	Chosen	47	61.0%
Variable name	Q26g_BarDis		
Variable label	[Q26g] Barriers/challenges to support RDM/FAIR principles - Different disciplinary practices		
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	38	49.4%
1	Chosen	39	50.6%
Variable name	Q26h_BarTime		
Variable label	[Q26h] Barriers/challenges to support RDM/FAIR principles - Lack of time to clean and prepare data and metadata		
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	22	28.6%
1	Chosen	55	71.4%
Variable name	Q26i_BarIncent		
Variable label	[Q26i] Barriers/challenges to support RDM/FAIR principles - Absence of incentives to promote RDM		
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	24	31.2%
1	Chosen	53	68.8%
Variable name	Q26j_BarPolicy		

Variable label [Q26j] Barriers/challenges to support RDM/FAIR principles - Absence of policies or guidelines at the national level

Survey question What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	32	41.6%
1	Chosen	45	58.4%

Variable name Q26k_BarSkill

Variable label [Q26k] Barriers/challenges to support RDM/FAIR principles - Lack of skilled staff with expertise on the topic

Survey question What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	28	36.4%
1	Chosen	49	63.6%

Variable name Q26l_BarLackSupp

Variable label [Q26l] Barriers/challenges to support RDM/FAIR principles - Lack of support for researchers

Survey question What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	30	39.0%
1	Chosen	47	61.0%

Variable name Q26m_BarCoorIns

Variable label [Q26m] Barriers/challenges to support RDM/FAIR principles - Lack of coordination among the relevant actors

Survey question What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	38	49.4%
1	Chosen	39	50.6%

Variable name Q26n_BarCoorReg

Variable label [Q26n] Barriers/challenges to support RDM/FAIR principles - Lack of coordination at the regional or national level

Survey question What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.

Value label	Value description	Count	Percent
0	Not chosen	63	81.8%
1	Chosen	14	18.2%

Variable name	Q26o_BarFund		
Variable label	[Q26o] Barriers/challenges to support RDM/FAIR principles - Lack of funding		
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	25	32.5%
1	Chosen	52	67.5%

Variable name	Q26p_BarAware		
Variable label	[Q26p] Barriers/challenges to support RDM/FAIR principles - Lack of awareness raising, including training opportunities		
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	29	37.7%
1	Chosen	48	62.3%

Variable name	Q26q_BarOther		
Variable label	[Q26q] Barriers/challenges to support RDM/FAIR principles - Other		
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply.		
Value label	Value description	Count	Percent
0	Not chosen	73	94.8%
1	Chosen	4	5.2%

Variable name	Q26q_BarOtherT*		
Variable label	[Q26q] Barriers/challenges to support RDM/FAIR principles - Other [text]		
Survey question	What are the barriers/challenges for your institution to support research data management and adherence to FAIR principles (i.e. making data Findable, Accessible, Interoperable, and Reusable)? Check all that apply. Other		
Value label	Value description		
[many]	[string]		

Potential accelerator

Variable name	Q27a_ActIns*		
Variable label	[Q27a] Actions to help promote RDM and FAIR principles - At institution		
Survey question	What are the most important actions that could help promote research data management and adherence to FAIR principles (Findability, Accessibility, Interoperability, and Reusability) of research data at your institution?		
Value label	Value description		
[many]	[string]		

Variable name	Q27b_ActReg*
----------------------	---------------------

Variable label [Q27b] Actions to help promote RDM and FAIR principles - Regionally
Survey question What are the most important actions that could help promote research data management and adherence to FAIR principles (Findability, Accessibility, Interoperability, and Reusability) of research data at your institution?
Value label **Value description**
 [many] [string]

Variable name **Q27c_ActNat***
Variable label [Q27c] Actions to help promote RDM and FAIR principles - Nationally
Survey question What are the most important actions that could help promote research data management and adherence to FAIR principles (Findability, Accessibility, Interoperability, and Reusability) of research data at your institution?
Value label **Value description**
 [many] [string]

Variable name **Q27d_ActInt***
Variable label [Q27d] Actions to help promote RDM and FAIR principles - Internationally
Survey question What are the most important actions that could help promote research data management and adherence to FAIR principles (Findability, Accessibility, Interoperability, and Reusability) of research data at your institution?
Value label **Value description**
 [many] [string]

Variable name **Q27e_ActDis***
Variable label [Q27e] Actions to help promote RDM and FAIR principles - Within Disciplines
Survey question What are the most important actions that could help promote research data management and adherence to FAIR principles (Findability, Accessibility, Interoperability, and Reusability) of research data at your institution?
Value label **Value description**
 [many] [string]

Variable name **Q27f_ActOther***
Variable label [Q27f] Actions to help promote RDM and FAIR principles - Other
Survey question What are the most important actions that could help promote research data management and adherence to FAIR principles (Findability, Accessibility, Interoperability, and Reusability) of research data at your institution?
Value label **Value description**
 [many] [string]

Derived variables

Variable name **Region**
Variable label Region [DV]
Survey question Region [derived variable based on PROV]
Value label **Value description** **Count** **Percent**

1	Atlantic	9	11.7%
2	Quebec	23	29.9%
3	Ontario	21	27.3%

4	West	24	31.2%
99	Not declared	0	0.0%

Variable name CRKNBand*
Variable label CRKN Band [DV]
Survey question CRKN Band [derived variable based on INST]
Value label Value description

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
98	Not in CRKN
99	Institution name not given

Variable name CRKNBandGR
Variable label In CRKN [DV]
Survey question CRKN Band [derived variable based on INST]
Value label Value description

		Count	Percent
0	Not in CRKN	31	40.3%
1	In CRKN	46	59.7%
99	Institution name not given	0	0.0%

Variable name InstTypeGR
Variable label Institution type (college/CEGEP grouped) [DV]
Survey question Institution type (college/CEGEP grouped) [derived variable based on INST]
Value label Value description

		Count	Percent
1	University	52	67.5%
2	College/CEGEP	21	27.3%
3	Research Centre	1	1.3%
4	Government	3	3.9%
5	Non-university	0	0.0%
99	Not stated	0	0.0%