

Repository Crisis Scorecards (RCS)

Pre-Worksheet and Overview

The Repository Crisis Scorecards (RCS) help repositories assess their resilience during normal operations and under various crisis conditions. The RCS provides a structured way to evaluate both organizational readiness and the potential impact of repository loss. It is designed to be applicable to repositories of all types and can be completed independently or collaboratively with your team.

Results can be used internally to identify areas for improvement, guide planning and investment, or shared more broadly to support benchmarking and community learning.

Pre-Worksheet Questions

Use the space below to record your notes or discuss responses with your team before completing [the full survey](#).

Descriptor	Question	Answer
Total metadata/data volume	What is the total volume of metadata and data?	
Bandwidth availability	How much bandwidth is available for upload and download?	
Total irreplaceable datasets	For how many datasets is this repository the primary (only?) archive? What datasets need to be prioritized because they can't be obtained elsewhere?	
Metadata schemas	How many and which metadata schemas can be outputted?	
Dataset Packaging	Is it possible to download an archive copy of all datasets with all metadata attached?	
Data types	Can datasets be regenerated in the case of loss? What data types are held, ex. observations, model analysis, others.	
Dynamic (near real-time) or static datasets	Do you host dynamic datasets, and if so how often do they change?	

Sensitive data considerations	What sensitivities are there around the data? (e.g., restricted data, indigenous data, etc)	
Are metadata and data stored separately?	What are the strategies for backups and how are data and metadata harmonized?	
Hosted Software Location	What are critical cyberinfrastructure services such as databases and hardware maintenance, and are they administered on-premise or a commercial service managed elsewhere/software as a service (SAAS), such as in the cloud?	
Public Plans	Are there links to public plans detailing disaster recovery, data migration, and repository shutdown?	
Service Level Agreements	What, if any, are your service level agreements to keep and/or restore service during crisis and non-crisis periods?	

Next Steps

- Use your pre-worksheet question notes to guide completion of [the survey](#).
- After completing the survey, you will receive a personalized Repository Crisis Scorecards report summarizing your results and recommendations.

More Information

For additional guidance, background, and resources:

- Full RCS Instructions on Zenodo: <https://doi.org/10.5281/zenodo.15122045>
- Repository Crisis Scorecards Project Page: <http://esipfed.org/rcs>

For questions or feedback, please contact the project team at rcs@esipfed.org.