

DOE Office of Science PuRe Data Resources Resource Metric Collection

This document outlines suggested metric collection practices for a Department of Energy Office of Science Public Reusable Research Data Resource (SC PuRe Data Resource).

Please provide the relevant information you currently collect or aim to collect in each category. Examples are provided, but not all examples may be applicable to every SC PuRe Data Resource. The responses provided will be used to facilitate discussions between the resource and the stewarding SC program to guide annual reporting requirements that are beneficial to both parties.

SC PuRe Data Resource:

Provide resource name

Steward:

Provide the SC program that provides funding and oversight of the resource

Data Resource Access Procedures:

Summary description of the typical ways that users interact with the resource, including:

- User access procedures
 - Information collected for registered users, if applicable
 - Information obtained for anonymous connections, if applicable
- Modes of data access and/or download
- Data access and/or download limits

Data Resource Technical Metrics:

Summary of technical metrics used for planning and monitoring the operations of the resource, including:

- Amount of data stored (in size, number of records, and/or other relevant formats)
- Amount of new data added
- Amount of data provided to users
- Total number of users accessing data
- Geolocation and/or institutional affiliations of users accessing data
- Software and/or resource downloads
- Other relevant statistics

Data Resource Scientific Impact and Highlights:

Summary of scientific impact metrics and highlights reflecting the impact on the scientific community, including:

- Number of publication citations
- Significant milestones for the resource
- Major scientific results that relied on use of the resource
- Other relevant highlights

Community Engagement:

Summary of ongoing community engagement activities, including:

- Training for new or existing users
- Educational/outreach activities
- Other relevant community engagement activities