

# Assessing the Texas Data Repository: Determining What to Measure and How

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## Repository

- Launched in Spring 2017
- Built on the Dataverse software platform
- Hosted by the Texas Digital Library (TDL)

## Steering Committee

- 10 institutions participate in the TDR
- Liaisons from these institutions serve on a TDR Steering Committee
- Provide feedback
- Guide the direction of the repository service

## Assessment Working Group

- Sub-group of the Steering Committee
- Tasked with evaluating progress of the TDR

## Code

- Fenner, M., Lowenberg, D., Jones, M., Needham, P., Vieglais, D., Abrams, S., Cruse, P., Chodacki, J. (2018). Code of practice for research data usage metrics release 1. PeerJ Preprints 6:e26505v1 <https://doi.org/10.7287/peerj.preprints.26505v1>

## Google

- Bragg, M., DeRidder, J., Johnson, R., Junus, R., Kyrillidou, M., Chapman, J., & Stedfeld, E. (2017). Best Practices for Google Analytics in Digital Libraries. <http://doi.org/10.17605/OSF.IO/CT8BS>

## TSW

- Lyon, C. (2017). Texas ScholarWorks: 2017 Annual Report. University of Texas at Austin. 20p. <https://repositories.lib.utexas.edu/handle/2152/63730>

## Research questions:

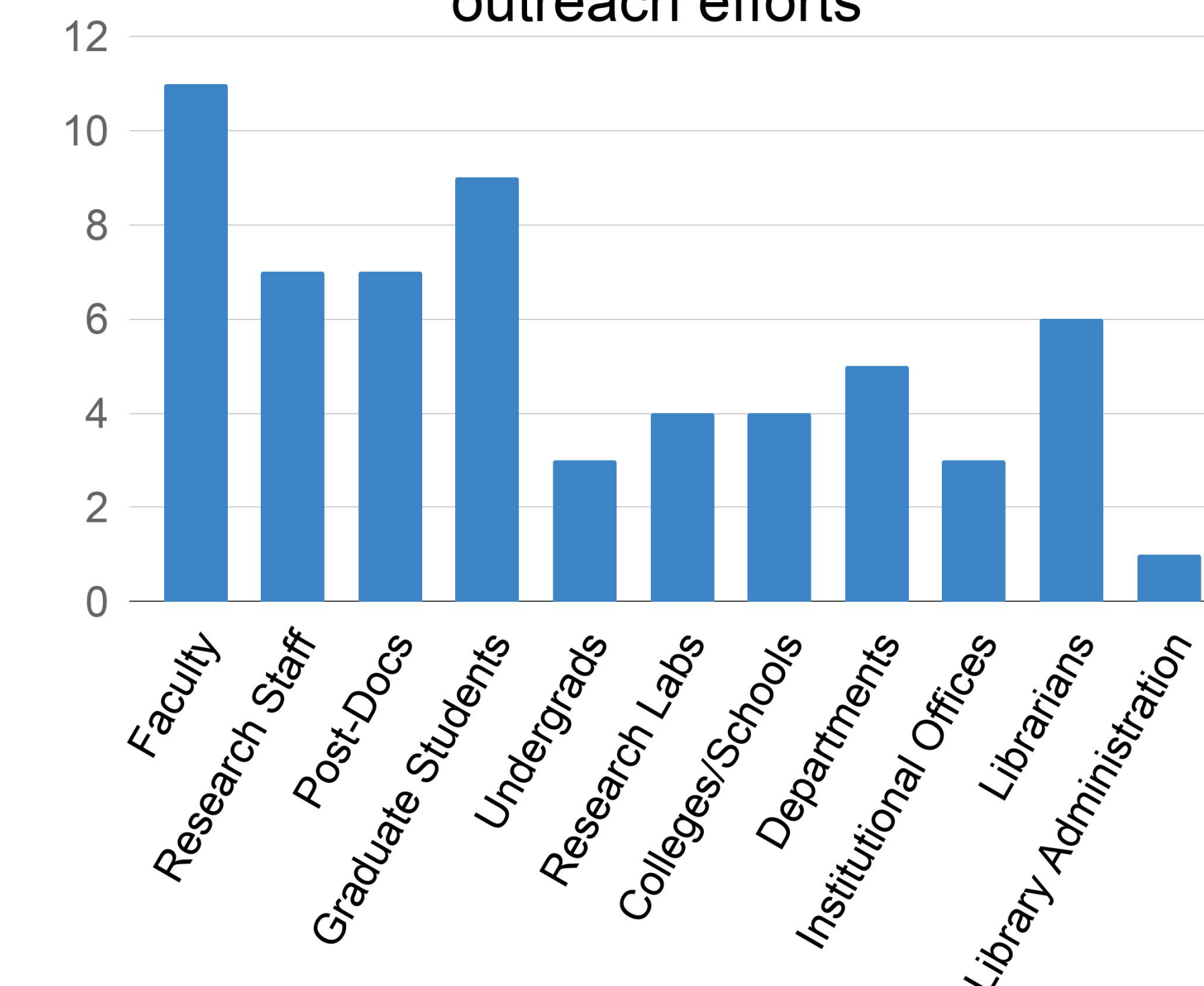
1. Which usage metric information about the TDR will be most valuable?
2. What process for gathering and distributing these metrics will be most useful?

	Survey	Code	Google	TSW	Source	Priority
<b>Metrics about datasets and collections</b>						
<i>Dataset download counts</i>	X	X	X		Log File, Google	yes
<i>Size of datasets (MB)</i>	X				Log File	yes
Number of files within datasets	X				Log File	maybe
<i>List of dataset DOIs</i>	X				Log File	yes
<i>Size of collections (MB)</i>	X				Log File	yes
Hierarchy collections and datasets	X				Log File	maybe
<i>List of links to all collections and datasets</i>	X				Log File	yes
<b>Metrics about users</b>						
<i>Institutional researchers using the TDR</i>	X				Log File	yes*
<i>Unique page visitors</i>	X		X	X	Google	yes
Percent new users				X	Google	no
Percent users from referring site				X	Google	no
Percent users directed from search engines				X	Google	no
Location		X	X	X	Google	maybe
<b>Metrics about views and access</b>						
<i>Unique Dataset Investigations</i>		X			Log File	yes
<i>Total Dataset Investigations</i>		X			Log File	yes
Number of pageviews			X	X	Google	maybe
Mode of Access		X	X	X	Log File, Google	maybe
<b>Metrics about sessions</b>						
<i>Number of sessions</i>			X	X	Google	yes
<i>Average session duration</i>			X	X	Google	yes
Path Through the Site			X		Google	no
Referral Traffic			X		Google	no
Site Content Reports			X		Google	no
Bounce Rate			X		Google	no
Search Terms			X		Google	no

## Survey

- <https://goo.gl/forms/1Z0wDOjR1XWkObg92>
- 11 responses, from all TDR Steering Committee members
- 34 Questions
  - Institutional demographics
  - TDR staffing in member libraries
  - Liaison experience and training
  - Other data initiatives at member libraries
  - Anticipated user needs

Projected target groups for RDM services and outreach efforts



Additional TDR service needs indicated by respondents

