



FEDERAL DEMONSTRATION PARTNERSHIP
Redefining the Government & University Research Partnership

NIH Data Management and Sharing Pilot

Updates and Planning for Phase 2

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Meeting Agenda

- 1) Background
- 2) Phase 1 Updates
- 3) NIH Updates
- 4) Phase 2 pre-planning
- 5) Upcoming Engagement Opportunities
- 6) Next Steps
- 7) Q&A



Pilot Background

- Under the new NIH Policy for Data Management and Sharing, each NIH Institute, Center, and Office (ICO) has the flexibility to develop more specific requirements to best meet the needs of the particular field(s) it funds; however, significant variation in ICO-specific requirements will place substantial administrative burden on researchers to first navigate the varying requirements before they can begin developing their DMS Plan.
- The FDP NIH DMS Pilot is an FDP and NIH collaboration engaging NIH ICOs, Office of Extramural Research SMEs, the Office of Science Policy and OPERA/Compliance which aims to:
 - Generate greater consistency in DMS Plan requirements across NIH ICs and programs and
 - Mitigate the administrative burden for researchers associated with DMS Plan development and implementation.



Pilot Phases

- **Phase 1: NIH DMS Plan Template Pilot**
 - We will test the effectiveness and usability of two DMS Plan templates developed in collaboration with representatives from participating ICs:
 - **Alpha Template** is a prescriptive template designed to limit the need for free text entry
 - **Bravo Template** aims to provide detailed prompts as well as more options to include free text responses as necessary.
 - We will gather data from the researcher/faculty perspective as well as the NIH program perspective.
- **Phase 2: Cost Policies**
 - Establish common cost principles, identify types of costs required, and determine how to identify additional/unforeseen costs that may be required to meet the spirit of the data sharing policy.
 - Planning phase beginning now with pilot phase anticipated to begin December 2023



Value of Participation in Phase 1

- Both templates have been designed in consultation with NIH program staff to ensure all the information needed to review and approve the DMS Plan is easily and clearly provided
- The standardized template format reduces the need to draft extra text to conform to a more narrative format
- Have a seat at the table with NIH colleagues during the refinement of an NIH DMS Plan template



Phase 1 Participants (so far!)

- Brandeis University
- Cleveland Clinic Lerner College of Medicine of CWRU
- Duke University
- Emory University
- Fred Hutchinson Cancer Center
- George Washington University
- Harvard Medical School
- Johns Hopkins University
- May Clinic
- New York University
- San Jose State University Research Foundation
- St. Jude Children's Research Hospital
- The Rockefeller University
- University of Chicago
- University of California San Diego
- University of Louisville
- University of Nevada Las Vegas
- University of Oregon
- University of Texas Health Science Center at San Antonio
- University of Wyoming
- Yale University



Interested in joining?

- The Pilot is still accepting new participating organizations!
- Email NIHDMSPilot@thefdp.org to request a copy of the pilot MOU for review and signature



**Participation is not limited to FDP member organizations*



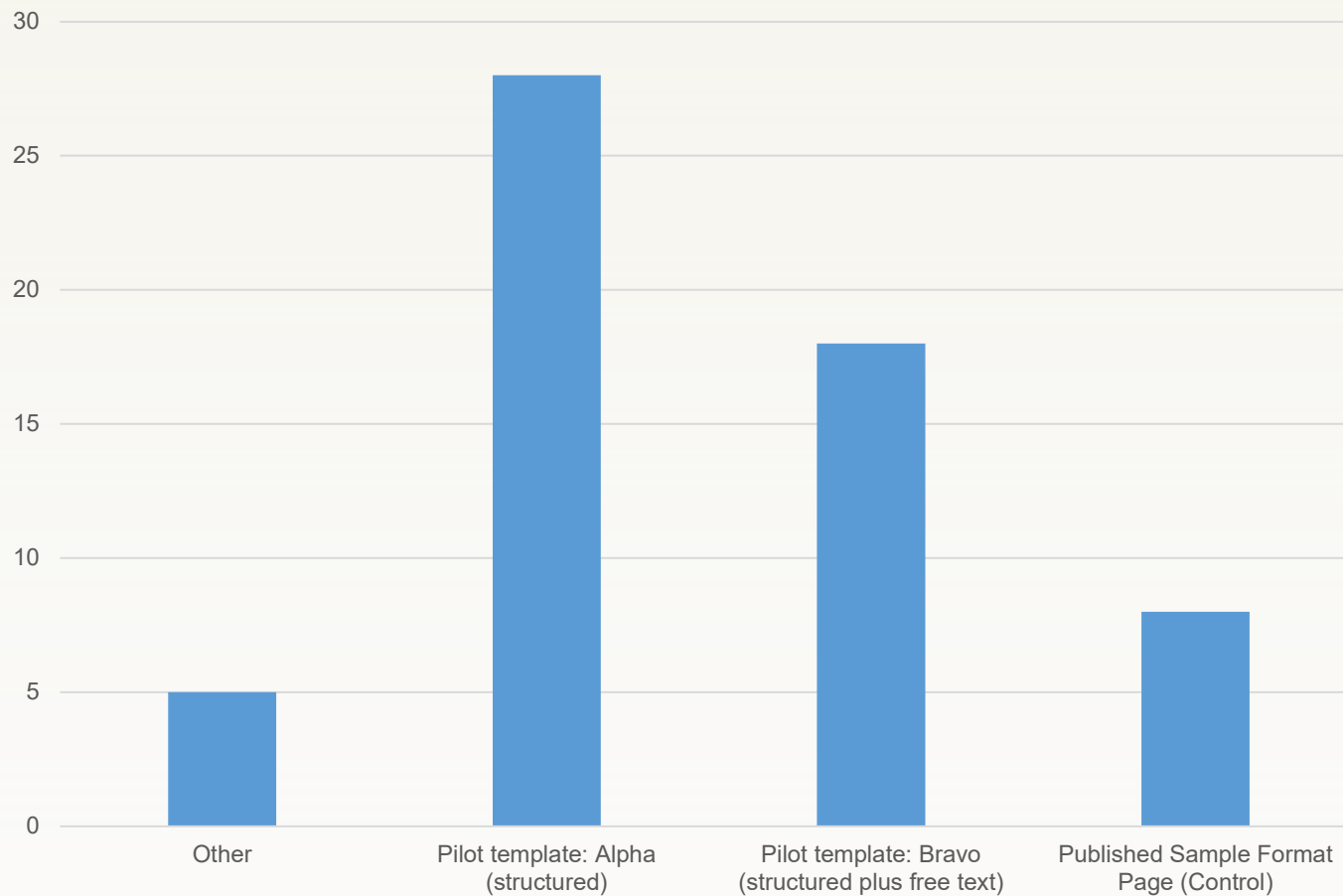
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Early DMS Plan Submission Feedback

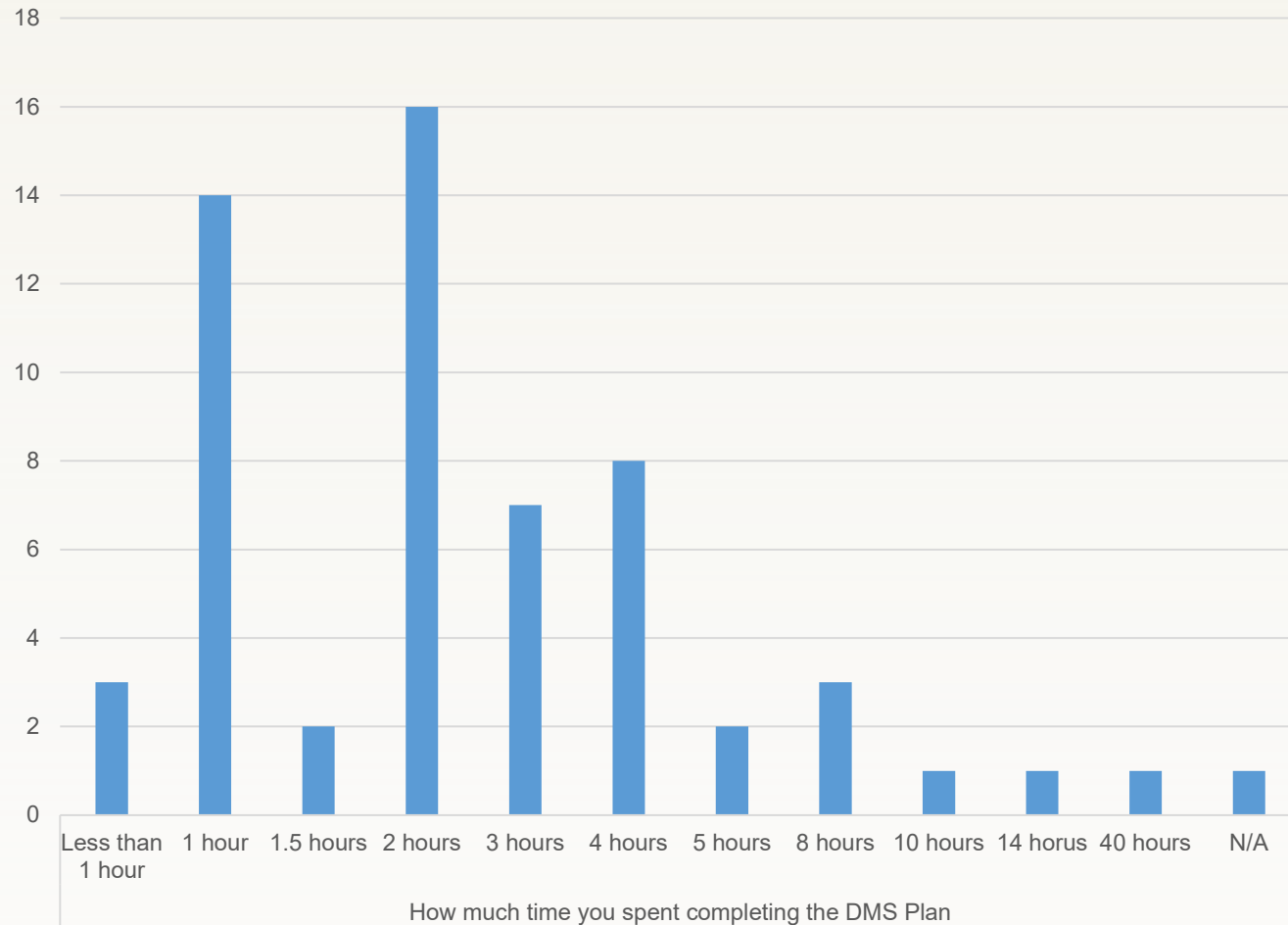


Which template did you submit?



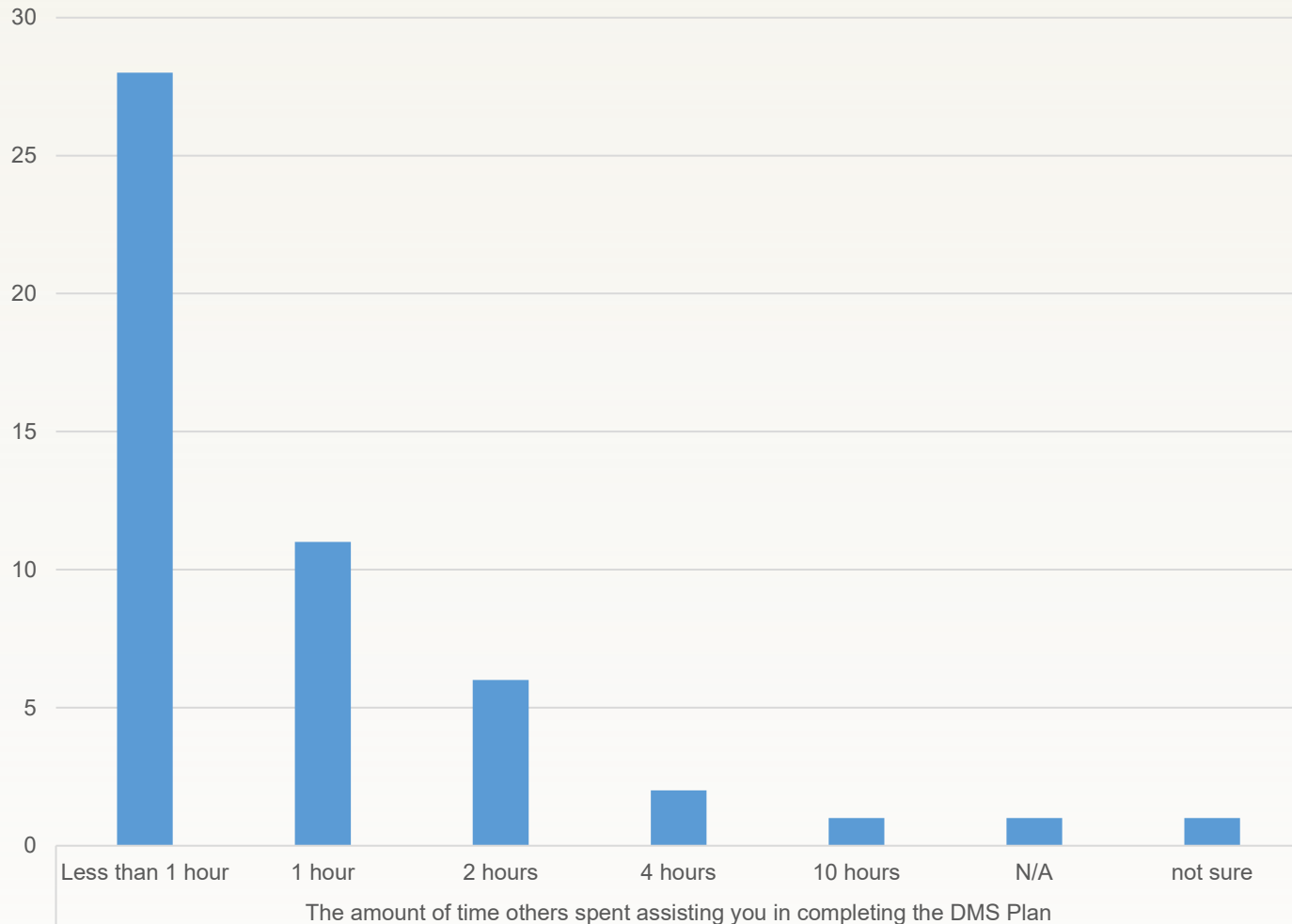


How much time did you spend completing the DMS Plan?



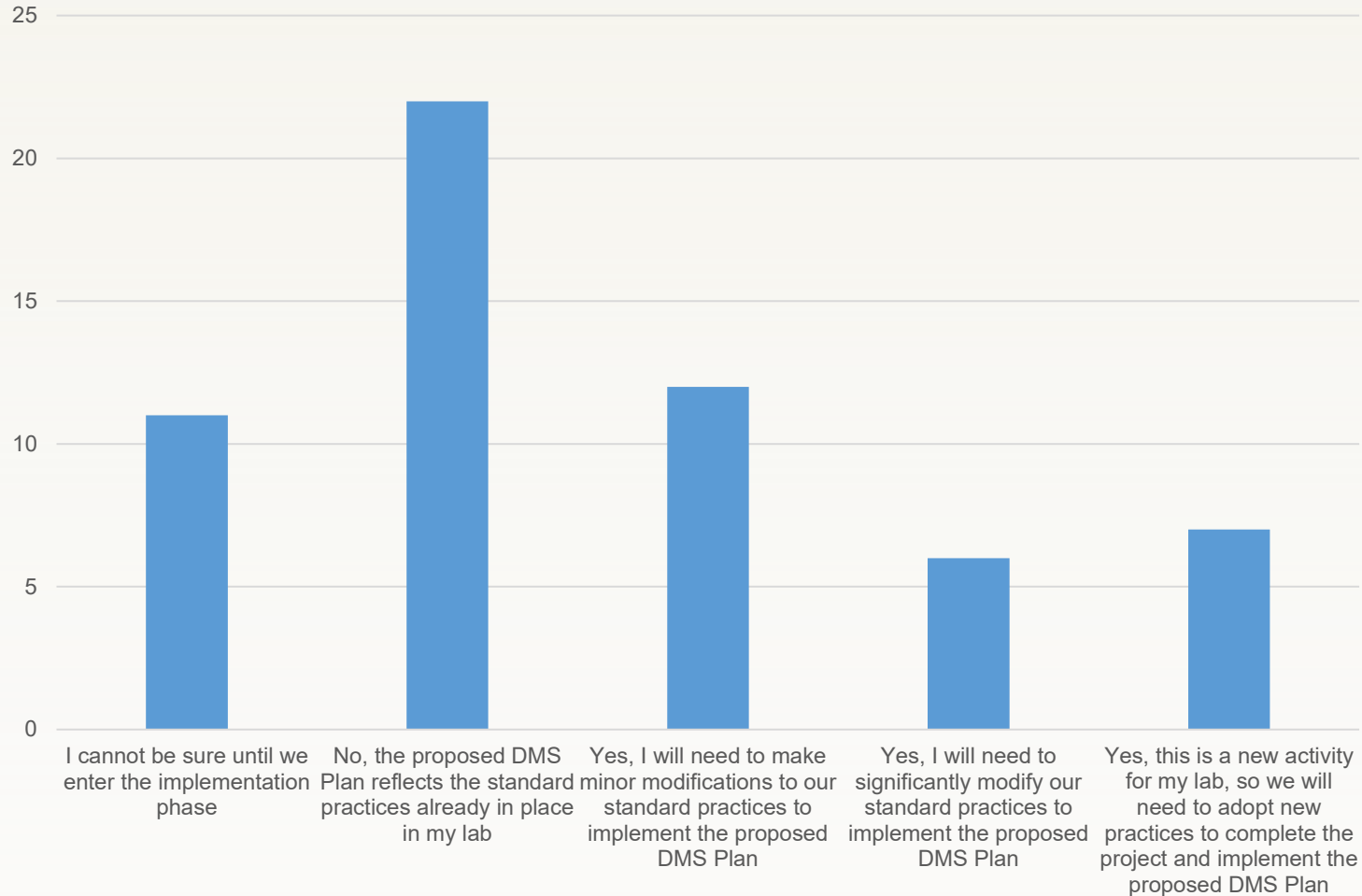


How much time did others spend assisting you to complete the DMS Plan?





Will you need to adjust the standard practices in your lab in order to implement the DMS Plan as proposed?





DMPTool Templates Update

* What research project are you planning?

FDP Pilot Demo

* Select the primary research organization

Research organization

Harvard University (harvard.edu)

* Select the primary funding organization

Funder

National Institutes of Health (nih.gov)

Which DMP template would you like to use?

NIH-Default DMSP

NIH-Default DMSP

NIH-FDP Pilot Template Alpha

NIH-FDP Pilot Template Bravo



DMPTool by the numbers

- 180 uses of Alpha in DMPTool.org*
- 90 uses of Bravo in DMPTool.org*

*May include test uses of the templates

DMPTool
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97,205 Users 384 Participating Institutions 92,955 Plans



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NIH Updates



Application Budgeting Instructions Update

- [NOT-OD-23-161](#) issued July 31, 2023
- “Effective for applications submitted for due dates on or after October 5, 2023, NIH will no longer require the use of the single DMS cost line item. NIH recognizes that DMS costs may be requested in many cost categories. Therefore, in line with our standard budget instructions, DMS costs must be requested in the appropriate cost category...”
- “...NIH will require applicants to specify estimated DMS cost details within the “Budget Justification” attachment of the R&R Budget Form or “Additional Narrative Justification” attachment of the PHS 398 Modular Budget Form, pursuant to the instructions...”



Initial Observations – DMS Plans

- Not indicating which data goes where, for example, not using an established repository.
- Vague descriptions of which data will be shared, vague reasons for not sharing.
- Conflicting information (something described in one element is contradicted in another).
- Plans that used any template or included tables/lists were generally more successful.
- FDP Pilot Leads will be working with NIH Program Staff to continue to assess information in the plans, to better inform the future phases of the pilot and compliance activities.

With thanks to NCI and NICHD for providing initial observations of plans received by their ICs. This data is anecdotal, based on preliminary reviews of DMS plans.



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Phase 2 Planning Updates



Phase 2: Goal

- Establish common cost principles, identify types of costs required, and determine how to identify additional/unforeseen costs that may be required to meet the spirit of the data sharing policy.



Potential Phase 2 Option: Personnel Effort Estimator?

- Personnel effort potentially represents a significant DMS cost
- Despite application budgeting instruction update, still important to accurately estimate effort required:
 - NIH still requires information on costs within the budget justification
 - Need to ensure that sufficient personnel effort is allotted to complete the necessary DMS activities



Potential Phase 2 Option: Personnel Effort Estimator?

- NIMH provides a cost estimator tool for deposits to their repository:
[https://nda.nih.gov/ndapublicweb/Documents/ND
A Data Submission Cost Estimation Tool.xlsx](https://nda.nih.gov/ndapublicweb/Documents/ND_A_Data_Submission_Cost_Estimation_Tool.xlsx)
- Would a more generalized tool be useful?
- How feasible would it be to create a more generalized tool?
- How have researchers estimated costs to-date?
- Have any institutions developed their own cost estimator resources?



Other Phase 2 Options?

- White paper exploring options to cover DMS costs incurred after the period of performance has ended?
- White paper exploring guidance on allowable costs?
- Monitoring actual expenses to facilitate budgeting for future expenses?
- Exploration of institutional costs that may not be directly allocated to individual awards?
- Other suggestions from the community?



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Engagement Opportunities



Town Halls

- Listening sessions open to a broader audience.
- All are invited.
- Will be recorded, and the recording posted on the [pilot webpage](#).
- Sessions previously held on:
 - Wednesday, May 31st, 1-2:30 pm Eastern
 - Monday, July 17th 10:30 am-12 noon Eastern
- Next session to be scheduled for early December
 - Will allow for the collection of JIT stage feedback from both the NIH Program and Pilot Institution perspective



Pilot Information Sharing Sessions

- Will host information sessions for institutions participating in the pilot, as well as those interested in pilot participation, to share experiences and feedback.
- First information session will be
 - Monday, October 16th, 2:30-3:45 PM Eastern
 - Zoom information forthcoming



Website/Planned Pilot Resources

- Baseline pilot website is available at <https://thefdp.org/default/fdp-nih-data-management-and-sharing-pilot/>
- Resources to be posted here include:
 - Slides/Video from relevant presentations/meetings
 - Sample Invitation to Faculty to participate in the pilot
 - The pilot DMS Plan templates
 - Institutional Quarterly Report template
 - Preliminary results as they become available
 - Other resources as needs are identified



Discussion/Q&A

Questions? Concerns? Suggestions?

Contact NIHDMSPilot@thefdp.org