Foster implementation of the cost forecasting framework

- Encourage researchers to think about data costs beyond the current state or funding period
- Outline resources and personnel for researchers to consult regarding data characteristics
- Incorporate data management activities throughout the data life cycle
- Consider disruptors and communicate how they may affect researchers and their data costs

Improve training and awareness for researchers

- Identify where costs will be accrued, who will pay for them, and who has managerial responsibility
- Identify motives for data sharing among researchers
- Promote incentives for data preservation and curation
- Develop targeted instruction on data management practices for researchers at different career stages

Update data policies and procedures

- Assess the value of data using factors that extend beyond monetary investment
- Thoroughly investigate data storage and computation options before selecting among them
- Communicate institution-based storage options, if applicable

Drive future improvements in the ability to forecast costs

- Recognize that scientific data constitute an asset and that data stewardship requires support
- Systematically collect data on costs associated with the biomedical research data enterprise
- Develop mechanisms to help with creating and maintaining data management plans

Expand the capacity to make sound data management decisions

- Recognize the value of enhancing curation, discoverability, and use of data
- Structure cost forecasts for active repository resources around communities and research programs rather than individual research efforts
- Support standardization efforts for cost estimation
- Explicitly support metadata preparation
- Identify incentives, tools, and training for adopting good data management practices
- Develop mechanisms to inform researchers of the actual costs paid for services rendered
- Encourage researchers to limit the costs of services rendered