National Institutes of Health Data Management Summary

This guide summarises the data management and sharing requirements for research funded by the National Institutes of Health (NIH). Please visit their website for further details.

Resource types:	NIH policy focuses upon 'final research data', the factual material that underpin research publications and are necessary to understand and verify research findings.
Data Plan:	A 'Data Sharing Plan' must be provided in the research bid (immediately after the Research Plan section) if the applicant requests $500,00 or more of direct costs in any single year.
Data-related funds:	Data-related fees may be requested. Sufficient detail must be provided in the application to understand how these costs relate to stated activities.
Retention:	Primary data must be kept by the host institution for a minimum of 10 years following the end of the funding period. Research records relating to clinical or public health studies should be retained in compliance with legislative obligations.
Data standards:	Open, well-documented standards and formats appropriate to the research discipline should be used, where these exist.
Documentation:	Documentation should be sufficient to access, understand and use the data. This may include project-level and data-level information.
Data hosting:	Data should be made available through an appropriate digital repository, such as LSHTM Data Compass. Consult http://www.re3data.org/ for examples of relevant repositories.
Sharing timescales:	Data should be made available no later than the acceptance for publication of the main findings from the final dataset. Data collected over several stages / discrete time periods as part of a large epidemiologic or longitudinal study should be made available in batches, at the point when the main findings of each stage are published.
Rights:	IPR will typically lie with the institution(s) performing the research. Use of open licences such as Open Data Commons and Creative Commons are encouraged. Third party IPR should be addressed prior to data release.
Monitoring:	Current & future activities to fulfil data sharing plan should be addressed in progress reports and final report. In cases of non-compliance, NIH indicate they will take action to protect the Federal Government's interests. E.g. by making data sharing an explicit requirement for subsequent awards

References:

- NIH Data Sharing Policy and Implementation Guidance
  https://grants.nih.gov/grants/policy/data_sharing/data_sharing_guidance.htm
- NIH Data Sharing Workbook
  https://grants.nih.gov/grants/policy/data_sharing/data_sharing_workbook.pdf