

## Summary of UK research funders' expectations for the content of data management and sharing plans

	<b>AHRC</b>
<b>Intro Text</b>	Please complete this section if your application proposes to create an electronic resource.
<b>Suggested Coverage</b>	<p><b>1. Project Management of technical aspects</b>            1a. Management and reporting structure            1b. Project timetable            1c. Project deliverables            1d. Monitoring process</p> <p><b>2. Data Development Methods</b>            2a. Content Selection            2b. Please outline and justify the data / file formats that you propose to use            2c. Documenting the resource            2d. Advice sought on planning your proposed project            2e. Consultation with project using similar methods</p> <p><b>3. Infrastructural Support</b>            3a. Hardware, software and relevant technical expertise            3b. Additional hardware, software and relevant technical expertise, support and training that is likely to be required and how it will be acquired            3c. Describe the backup procedures that your project will use to safeguard your electronic resource during its development</p> <p><b>4. Data preservation and sustainability</b>            4a. In relation to meeting the aims of the project, please detail advice sought on the preservation of the electronic resource(s) resulting from the project that will be of use to other researchers or audiences            4b. Please indicate what plans you have to preserve the data and make it available in an accessible repository beyond the end of the grant            4c. Please indicate what plans you have to ensure that the electronic output will become a sustainable resource</p> <p><b>5. Access</b>            In accordance with the aims of your proposal, please indicate how you will make the resource accessible to the potential audience(s) you have identified</p> <p><b>6. Copyright and intellectual property issues</b>            Please demonstrate that you have sought advice on and addressed all copyright and rights management issues that apply to the resource</p>
<b>Source / Notes</b>	<p>AHRC questions taken from section on Joint electronic Submissions (Je-S) System grant application form</p> <p>Responses limited to c. 1000-2000 characters per question</p>

**n.b. Although this will be periodically reviewed by the DCC for accuracy, the source documents provided by each funder should be referenced before making a grant application.**

	<b>BBSRC</b>	<b>ESRC</b>
<b>Intro Text</b>	BBSRC recognises that data sharing plans will vary according to the type of data collected. Data sharing should be driven by scientific benefit and should also be cost effective. Data should be shared using established standards and existing resources where this is possible.	All research proposals to the ESRC are made through the Joint electronic Submissions (Je-S) System. One section of the form includes the intentions and considerations associated with archiving data resulting from the grant award.
<b>Suggested Coverage</b>	<p>Applicants who are planning to share data may wish to include details of:</p> <ul style="list-style-type: none"> <li>• <b>Data areas and data types</b> – the volume, type and content of data that will be generated e.g. experimental measurements, records and images;</li> <li>• <b>Standards and metadata</b> – the standards and methodologies that will be adopted for data collection and management, and why these have been selected;</li> <li>• Relationship to other data available in public repositories;</li> <li>• <b>Secondary use</b> – further intended and/or foreseeable research uses for the completed dataset(s);</li> <li>• <b>Methods for data sharing</b> – planned mechanisms for making these data available e.g. through deposition in existing public databases or on request, including access mechanisms where appropriate;</li> <li>• <b>Proprietary data</b> – any restrictions on data sharing due to need to protect proprietary or patentable data;</li> <li>• <b>Timeframes</b> – timescales for public release of data;</li> <li>• Format of the final dataset.</li> </ul>	<p>There are five questions that need to be completed:</p> <ol style="list-style-type: none"> <li>1. If the research involves data collection or acquisition, please indicate how existing datasets have been reviewed and state why currently available datasets are inadequate for this proposed research.</li> <li>2. Will the research proposed in this application produce new datasets?</li> <li>3. It is a requirement to offer data for archiving. If you envisage any difficulties in making data available for secondary research, please outline the difficulties.</li> <li>4. Who are likely to be the potential users of the dataset?</li> <li>5. Please outline the plans for and cost of preparing and documenting data for archiving to the standards required by the ESDS.</li> </ol>
<b>Source / Notes</b>	<p>See p6 in data policy - <a href="http://www.bbsrc.ac.uk/publications/policy/data_sharing_policy.pdf">http://www.bbsrc.ac.uk/publications/policy/data_sharing_policy.pdf</a></p> <p>Further guidance on these points is provided in the sections of the data policy that follow this overview.</p>	<p>Based on guidance available at: <a href="http://www.esds.ac.uk/aandp/create/esrcfaq.asp">http://www.esds.ac.uk/aandp/create/esrcfaq.asp</a></p> <p>Clarifications of each question and suggestions of what information to include in the response are also provided at the above URL.</p>

	<b>MRC</b>	<b>Wellcome Trust</b>
<b>Intro Text</b>	<p>From 1 January 2006 all funding proposals must include a strategy for data preservation and sharing in the case for support, within as a separate section entitled 'Data sharing and preservation strategy'.</p> <p>Any applicants who consider that the data arising from their proposals will not be suitable for sharing must provide clear reasons for not making it available.</p>	<p>Your data management and sharing plan should briefly outline the mechanisms through which the data generated by the research will be made available to the wider community and the proposed timeframes over which this will occur. Where any delays or restrictions on sharing are proposed, the rationale for these should be set out.</p>
<b>Suggested Coverage</b>	<p>The level of detail given in the strategy statement should reflect the nature, scale and cost of this aspect of the proposal. It must be succinct and include a summary of:</p> <ul style="list-style-type: none"> <li>• Type(s) of qualitative or quantitative data that will be generated e.g. interview transcripts, questionnaires, experimental measurements, recordings and images.</li> <li>• Further intended and/or foreseeable research uses for the completed dataset(s).</li> <li>• Plans for preparing and documenting data for preservation and sharing.</li> </ul> <p>Applicants requesting funds to extend existing datasets should also explain:</p> <ul style="list-style-type: none"> <li>• The distinctive added value that the new data would provide in relation to existing studies, databases or datasets in the same field.</li> <li>• How sharing the data would provide opportunities for coordination or collaboration.</li> </ul> <p><b>Examples</b></p> <ul style="list-style-type: none"> <li>• For laboratory-based, non-clinical research where primary data will be published shortly after its completion, the strategy should address the above points and provide timelines. Where possible, published results should include links to the associated data. Investigators must show how data will be preserved and their strategies for sharing, e.g. by depositing it in a community database. Any exceptional arrangements to protect intellectual property should be summarised.</li> <li>• For patient and population-based work, such as clinical research or trial, cohort and longitudinal studies, applicants must also summarise the arrangements for governance of data collection and usage: management of consent, confidentiality, ethical and legal considerations and access rights.</li> </ul>	<p>Data management and sharing plans should take account of the following issues where they are relevant to the proposed research:</p> <ul style="list-style-type: none"> <li>• <b>Data quality and standards</b> – data should be released in a format that conforms to agreed community standards, especially where this allows interoperability with other relevant datasets.</li> <li>• <b>Use of public data repositories</b> – the Trust expects researchers to deposit their data into recognised public data repositories where possible and a number already exist for many types of fundamental biological data.</li> <li>• <b>Intellectual property</b> – where relevant, any proposed delays on data sharing to enable intellectual property protection to be gained and used should be set out and justified.</li> <li>• <b>Protection of research participants</b> – any limitations on data sharing that serve to safeguard the privacy of research participants should be explained.</li> <li>• <b>Long-term preservation and sustainability</b> – for proposals to establish resources, the long-term strategy for maintaining, curating and archiving the data should be set out clearly</li> </ul>
<b>Source / Notes</b>	<p>Overview provided at:  <a href="http://www.mrc.ac.uk/Ourresearch/Ethicsresearchguidance/Datasharinginitiative/Policy/index.htm">http://www.mrc.ac.uk/Ourresearch/Ethicsresearchguidance/Datasharinginitiative/Policy/index.htm</a></p>	<p>Details taken from FAQ no. 6 at:  <a href="http://www.wellcome.ac.uk/About-us/Policy/Spotlight-issues/Data-sharing/Data-management-and-sharing/WTX035045.htm">http://www.wellcome.ac.uk/About-us/Policy/Spotlight-issues/Data-sharing/Data-management-and-sharing/WTX035045.htm</a></p>