

## Research Outcomes Common Question Set

This set of questions was generated by Research Councils UK (RCUK) and RAND Europe in order to standardise the collection of research outputs, outcomes and impacts information (including through the Researchfish system).

RCUK thanks all members of the Researchfish Funders User Group for their comments on this question set.

This question set was previously referred to as the Common Data Model or CDM.

There is an XML version of the questions for the common output types available on the Researchfish website at [www.researchfish.com](http://www.researchfish.com). Please note that the XML version does not include the RCUK funder or award specific questions outlined in this document.

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Users should attribute this work to Research Councils UK, the Researchfish user group and RAND Europe.

### Version Control

Version	Date	Author	Comments/significant changes to previous version
V1.0	24/07/2014	Beverley Sherbon	Final version for publication.
V1.1	05/08/2014	Beverley Sherbon	Correction to STFC's use of key findings and narrative impact sections.
V1.2	21/08/2014	Beverley Sherbon	Clarification of terminology around common questions and additional questions.

**NOTE: Orange text denotes additions/changes to the question set that was used by MRC in Researchfish prior to July 2014.**

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## Overview of Research Outcomes Common Question Set

Common questions (Output types)	Additional questions (Funder/grant specific)
Publications	Key Findings (Multiple funders)
Collaborations & Partnerships	Narrative Impact (Multiple funders)
Further Funding	Skills Shortage (MRC)
Next Destination & Skills	Secondments & placements (RCUK)
Engagement Activities	Animal Use (Multiple funders)
Influence on Policy, Practice, Patients & Public	Lifelong Health and Wellbeing (MRC)
Research Tools & Methods	National Preventative Research Initiative (MRC)
Research Databases & Models	Environmental and Social Ecology of Human Infectious Diseases (MRC)
Intellectual Property & Licensing	Public Engagement (STFC)
Medical Products, Interventions & Clinical Trials	
Artistic & Creative Products	
Software & Technical Products	
Spin Outs	
Awards & Recognition	
Use of Facilities & Resources	
Other Outputs & Knowledge/Future Steps	

### Common questions

An output type and associated questions presented to all researchers in the system.

### Additional Questions

Funder specific output type – an output type presented to all researchers funded by a specific funder e.g. many smaller charities use a 'further information' or 'key findings' section of questions, and MRC use a 'skills shortage section' etc.

Grant specific output type – an output type presented to a subset of researchers defined by the award, e.g. all grants in a specific funding scheme, or all awards which use animals in the research.

## Common questions/output types

### 1. Publications

Collect unique ID only where possible and pull 'reference' from suitable source e.g. pubmed, cross ref etc. Multiple upload only with unique ID's.

Collect information on publications that are published or 'in press' i.e. not drafts.

For manual entry, will collect same information as would if sourced as above, and types of publications as follows:

- Book
- Book chapter
- Book edited
- Conference/paper/proceeding/Abstract (rename)
- Journal Article/Review
- Manual/Guide
- Monograph
- Policy briefing report
- Technical Report
- Technical Standard
- Thesis
- Other
- Consultancy Report (addition)
- Working paper (addition)

### 2. Collaborations & partnerships

Please enter a short title for this collaboration or partnership for your reference purposes. (TEXT)

Please provide details of the collaborator(s) and/or partner(s):

- Please enter the organisation with which you have collaborated or partnered. (AUTOCOMPLETE)
- Please enter the department with which you collaborated/partnered or leave blank if not applicable. Please do NOT enter individual names of people. (TEXT)
- Has this collaboration or partnership brought a direct financial contribution to your research? (YES/NO/CONTRACTUALLY CONFIDENTIAL)
  - Please enter the currency of the contribution. This is a predictive lookup start typing the name of the currency and select the appropriate currency. (AUTOCOMPLETE)
  - Enter the amount of any direct financial contribution made under this collaboration or partnership to the nearest unit. (NUMERIC)
- Has this collaboration or partnership brought an in-kind contribution to your research? (YES/NO) (addition)
  - Please enter the currency of the in-kind contribution. This is a predictive lookup start typing the name of the currency and select the appropriate currency. (AUTOCOMPLETE) (addition)
  - Please give an estimate of the value of the in-kind contributions made by your partners to this collaboration or partnership. (NUMERIC) (addition)

Briefly describe the contributions made by you and/or your research team to this collaboration or partnership. (TEXT)

Briefly describe the contributions made by your partners to this collaboration or partnership. (TEXT)

In which year did this collaboration or partnership commence? (DROP DOWN - YEARS)

Is this collaboration or partnership still active, if not what year did it cease? (DROP DOWN - YEARS)

If there is a URL which relates to this collaboration, enter it here. (TEXT)

List any outputs or outcomes that have resulted from this collaboration or partnership. Full details of each should be reported under the relevant sections of the form. Indicate whether this collaboration is multi-disciplinary, if so outline each of the disciplines involved. (TEXT)

Please categorise the impact of this collaboration or partnership using the check boxes below. (CHECK BOXES multiple selection – Cultural, Societal, Economic, Policy & Public Services, No impact yet) (addition)

Is this collaboration or partnership governed by formal agreements such as material transfer agreements, or confidentiality agreements? (YES/NO)

### 3. Further funding

Enter the title of the funding scheme for which you have successfully applied. (TEXT)

Enter the name of the organisation that provided the funding. This is a predictive input so you need only enter in the first few letters of the name. If the entry is not found, you will be able to enter it in full. (AUTOCOMPLETE)

Please select the most appropriate type for this funding (DROP DOWN – Research grant (including intramural programme)  
Fellowship  
Studentship  
Capital/infrastructure (including equipment)  
Travel/small personal)  
(addition)

Please enter the currency of the funding (e.g. GBP). This is a predictive lookup start typing the name of the currency and select the appropriate currency. (AUTOCOMPLETE)

Enter the value of the funding pledged/received from this scheme to the nearest whole currency unit. Please ensure you enter the value in full (e.g. 1 million is entered as 1000000). (NUMERIC)

If known please enter the grant/award reference number otherwise leave blank.  
(TEXT)

Start date – month/year (DROP DOWNS)

End date – month/year (DROP DOWNS)

#### 4. Next Destination & Skills

Please provide a label for the staff member you want to tell us about so that you can easily distinguish multiple responses. This is purely to help identify the data in the form and will NEVER be used in analysis or output from your organisations. We recommend that you use the staff member's initials. (TEXT)

Please indicate what proportion of the Full Time Equivalent this team member had in your team (please enter a proportion of 1 for example; 0.5 would be half a full time equivalent post) (DROP DOWN - NUMERIC)

Role of the staff member when he/she was working in your research group.  
(DROP DOWN currently - Researcher (no PhD), Post Doctoral Researcher, Research Fellow, Research Project Leader, Research Student, Management/Admin/Policy, Engineer, Technician)

Role of the staff member after he/she left your research group. (DROP DOWN currently –  
Researcher (no PhD)  
Post Doctoral Researcher  
Research Fellow (individual fellowship)  
Research Project Leader (with budgetary responsibility)  
Research Student  
Management/Admin/Policy for a research organisation  
Other Research Occupation  
Health care/Medical staff  
Full-time lecturer/school teacher  
Engaged in study (change to text)  
Retired  
Not employed/career break/maternity/paternity leave  
Unknown/Other  
Deceased

The sector into which the staff member moved. (DROP DOWN –  
Academic (e.g. university based)  
Private (profit making e.g. industry, commerce)  
Charitable (non profit making)  
Health/health care (e.g. hospital based; NHS or private)  
Other research council (e.g. research unit/institute/head office)  
Other public sector (e.g. research agency/government)  
Not applicable  
Unknown

If Private selected above then presented with (addition):

Please select the industry sector/discipline that the staff member moved to.

(addition) (CHECK LIST multiple selection –  
Aerospace, Defence and Marine  
Agriculture, Food and Drink  
Chemicals  
Communities and Social Services/Policy  
Construction  
Creative Economy  
Digital/Communication/Information Technologies (including Software)  
Education  
Electronics  
Energy  
Environment  
Financial Services, and Management Consultancy  
Healthcare  
Leisure Activities, including Sports, Recreation and Tourism  
Government, Democracy and Justice  
Manufacturing, including Industrial Biotechnology  
Culture, Heritage, Museums and Collections  
Pharmaceuticals and Medical Biotechnology  
Retail  
Security and Diplomacy  
Transport  
Other)

The year in which the staff member left your team or the grant was terminated.  
(DROP DOWN - YEARS)

Select the country in which the staff member was subsequently based (Please enter Unknown as appropriate). (DROP DOWN)

Select any qualifications gained by this member of staff in the course of working as part of your team (tick all that apply) (TICK LIST - Undergraduate research projects, Masters degree, MD, PhD, EngD (addition), Other)

If known,  
what month was this qualification gained? (DROP DOWN – month) (addition)  
what year was this qualification gained? (DROP DOWN – year) (addition)

## 5. Engagement activities

Enter a short title for this activity for reference purposes (e.g. School Visit (Lincoln), Virology conference (California)) (TEXT)

What was the engagement activity? We are interested in the role played by you or a member of your team in the activity, regardless of whether this was presenting to or engaging with an audience. (DROP DOWN -

A formal working group, expert panel or dialogue

A talk or presentation

A magazine, newsletter or online publication

Participation in an activity, workshop or similar

Participation in an open day or visit at my research institute.

A press release, press conference or response to a media enquiry/interview.  
(change to text)

Scientific meeting (conference/symposium etc.)

Was this part of a recognised scheme, advisory panel or was this part of a fund-raising activity? This question is will enable your funders to identify how many researchers support these schemes/panels on an on-going basis. Examples would include the National Advisory Committee on Drugs and the Edinburgh International Science Festival) (YES/NO)

If so, Provide the details here. (TEXT)

If Scientific meeting selected as types - Indicate the kind of presentation made (DROP DOWN – Keynote/Invited Speaker, Paper Presentation, Poster Presentation, Workshop Facilitator)

What was the extent of geographical "reach" of this activity (e.g. was the audience from your local institution, drawn from attendees across the region, nation, or international)? (DROP DOWN – Local, Regional, National, International)

Who was the primary audience? (DROP DOWN - Schools

Participants in your research and patient groups

Media (as a channel to the public)

Policymakers/parliamentarians

Professional Practitioners (changed from Health professionals)

Public/other audiences

Supporters

Undergraduate students

Postgraduate students

Other academic audiences (collaborators, peers etc)

In which year(s) did this activity take place? (CHECK BOXES YEARS)

What was the main purpose of this activity? (DROPDOWN – one only) (addition)

To share information

To stimulate thinking

To improve understanding of others thinking

To inform decision making

To make decisions

How many people do you estimate this activity reached? (DROP DOWN) (addition)

1 - 10

11 - 50

51 - 100



101 – 500

More than 500

Briefly describe the results of your activity. For example, “60 pupils attended a careers talk, which sparked questions and discussion afterwards.” (TEXT)

Briefly describe any notable impacts that arose from this activity. For example, “school asked for lab visit for sixth form pupils and reported higher than expected interest from pupils in GCSE science”. (TEXT)

What do you consider was the most important impact of this activity?

(DROPDOWN – select one

Increase in requests for further information

Increase in requests about (further) participation or involvement

Plans made for future related activity

Audience reported change in opinions or behaviours

Own/colleagues reported change in opinions or behaviours

Decision made or influenced

Not aware of any impact)

If there is a URL which relates to this activity, enter it here. (TEXT)

## 6. Influence on Policy, Practice, Patients & the Public

Provide short title or name for this influence on policy or practice. This is for reference within the form. (e.g. Citation in Cochrane Review). (TEXT)

Select type/method of influence from this list (DROP DOWN) (change to text)

Influence training of practitioners or researchers

Citation in clinical guidelines

Citation in clinical reviews

Citation in other policy documents

Citation in systematic reviews

Membership of a guidance committee

Participation in national consultation

Participation in advisory committee

Gave evidence to a government review

Implementation circular / rapid advice / letter to eg Ministry of Health

If clinical guidelines selected:

Enter title of guideline (TEXT)

Please enter the publication which has been cited. (TEXT)

Enter area of healthcare (DROP DOWN – HRCS Health Categories)

Enter name of organisation issuing guideline. (AUTOCOMPLETE)

If ‘citation’ option is selected from the type list:

Please enter the publication which has been cited. (TEXT)

Select the year in which the influence on policy or practice was first realised.  
(DROP DOWN - YEARS)

Select the option that best geographically represents the extent of this influence on policy or practice. (DROP DOWN - Local/municipal/regional, National, Asia, Europe, North America, Oceania, Africa, South America, Multiple continents/international)

Please select the area of policy influence, you can make multiple selections  
(Addition)

(CHECK LIST multiple selection –

Aerospace, Defence and Marine

Agriculture, Food and Drink

Chemicals

Communities and Social Services/Policy

Construction

Creative Economy

Digital/Communication/Information Technologies (including Software)

Education

Electronics

Energy

Environment

Financial Services, and Management Consultancy

Healthcare

Leisure Activities, including Sports, Recreation and Tourism

Government, Democracy and Justice

Manufacturing, including Industrial Biotechnology

Culture, Heritage, Museums and Collections

Pharmaceuticals and Medical Biotechnology

Retail

Security and Diplomacy

Transport

Other)

Has this influence on policy led to any of the following impacts? (CHECK BOXES)  
(additional values in list)

Improvements in survival, morbidity or quality of life

Changes in efficiency and effectiveness of public service delivery

Improved accessibility of public services

Improved regulatory environment

Economic impacts

Improved educational and skill level of workforce

Changed public attitudes on social issues

Effective solutions to societal problems

Improved environmental sustainability

No impacts yet

Not known

Briefly describe the impact(s) of this change in policy or practice. This should include (if applicable) the reach and significance of the impact, such as quantitative information regarding the benefits (increases in survival, quality of life, decreases in incidence, improvements in clinical service delivery, economic impacts etc.) (TEXT)

If there is a URL which relates to this influence on policy, enter it here. (TEXT)

## 7. Research Tools & Methods

Enter short name for this research tool or method. (TEXT)

Select the type of research tool or method. (DROP DOWN)

Biological samples (change – split previous value into two, ie was Database/Collection of data/Biological samples. Leave Biological samples in this list of values, and move Database/Collection of data to Research Database & Models section.)

Cell line

Technology assay or reagent

Model of mechanisms or symptoms – human

Model of mechanisms or symptoms – mammalian in vivo

Model of mechanisms or symptoms – in vitro

Model of mechanisms or symptoms – non-mammalian in vivo

Physiological assessment or outcome measure

Improvements to research infrastructure

Antibody

Briefly describe this research tool or method. (TEXT)

Have you provided this research tool or method to other research groups? (YES/NO/NA)

If yes, which year was the research tool or method first provided to other researchers? (DROPDOWN)

Briefly describe any notable impact(s) resulting from the development of this research tool or method. (TEXT)

If there is a URL which relates to this research tool or method, enter it here. (TEXT)

## 8. Research Databases & Models

Enter short name for this research database or model. (TEXT)

Select the type of research database or model. (DROP DOWN)

Database/Collection of data (moved from Research Tools & Methods)

Data analysis technique

Computer model/algorithm

Data Handling & Control

Briefly describe this research database or model. (TEXT)

Have you provided this research database or model to other research groups?  
(YES/NO/NA)

If yes, which year was the research database or model first provided to other researchers? (DROPDOWN)

Briefly describe any notable impact(s) resulting from the development of this research database or model. (TEXT)

If there is a URL which relates to this research database or model, enter it here.  
(TEXT)

## 9. Intellectual Property & Licensing

Name or title of the discovery/development (TEXT) (change to text)

Select the phrase that best describes the protection this discovery/development has received (DROP DOWN – Copyright (e.g. software), Patent application published, Patent granted, Trade Mark addition, Protection not required.) (change to text & type)

If patent application published or patent grants selected, then:  
Enter patent publication number for patent applications published, or granted patents (TEXT)

Select the year in which this protection was received. You can select 'Unknown' if appropriate. (DROP DOWN - YEARS)

Briefly describe the discovery/development. (TEXT) (change to text)

Has this intellectual property been formally licensed to others on a commercial or non-commercial basis? (YES/NO/COMMERCIAL IN CONFIDENTIAL)

Briefly describe any notable impact(s) (other than licensing) that have arisen from this discovery/development. (TEXT) (change to text)

If there is a URL which relates to this intellectual property or license, enter it here. (TEXT)

## 10. Medical Products, Interventions and Clinical Trials

Enter short name of the medical product or intervention for reference purposes.  
(TEXT)

Select the type of medical product / intervention. (DROP DOWN)

Diagnostic Tool – Imaging

Diagnostic Tool – Non-Imaging

Therapeutic Intervention – Drug

Therapeutic Intervention – Vaccine

- Therapeutic Intervention – Cellular and gene therapy
- Therapeutic Intervention – Medical device
- Therapeutic Intervention – Surgery
- Therapeutic Intervention – Radiotherapy
- Therapeutic Intervention – Psychological/behavioural
- Therapeutic Intervention – Physical
- Therapeutic Intervention - Complementary
- Preventative Intervention – Behavioural risk modification
- Preventative Intervention – Physical/biological risk modification
- Preventative Intervention – Nutrition and chemoprevention
- Management of Diseases and Conditions
- Health and Social Care Services
- Support Tool – For fundamental research
- Support Tool – For medical intervention
- Products with applications outside of medicine

Select the current active development stage for this medical product or intervention or the stage most recently completed (as appropriate). (DROPDOWN - Initial development, Refinement - Non-clinical, Refinement – Clinical, Early clinical assessment, Late clinical evaluation, Market authorisation, Small-scale adoption, Wide-scale adoption)

Has the medical product or intervention been tested via a clinical trial? (DROPDOWN - YES/NO/Not applicable)

If yes, enter the UKCRN/ISCTN reference ID here. (TEXT)

Select the year in which this development stage was completed. (DROPDOWN)

Select the development status of this medical product or intervention (DROPDOWN - Under active development/distribution, Actively seeking support, On hold, Closed)

Briefly describe the medical product or intervention, its current or most recent stage of development and the current or most recent principle source of funding for this development. (TEXT)

Choose the achievements that apply to your medical product or intervention (TICK BOXES)

- First use of its kind in man
- Targets a rare disease or difficult to reach population
- Become the new standard of care
- Improved patient selection
- Led to an increase in survival
- Improved quality of life and/or patient-reported outcome measures
- Decrease in length and/or severity of illness
- Improved delivery of clinical service (increased capacity / patient through
- First product/intervention of its class
- Reinforced existing standards of care
- Changed public health guidance
- Offered new treatment modality
- Led to a decrease in mortality
- Decrease in incidence of illness
- Improvements in public health activity
- Economic benefits (e.g. more efficient service / reduced burden on limited

- |  |   |
|--|---|
| put) - timely access to service            | resource / getting people back to work)                   |
| • Improved diagnosis                       | • Income generated (e.g. through sales of product)        |
| • Improved/accelerated research approaches | • None yet (still under development/assessment or closed) |

Briefly describe any notable impact(s) arising from the development of this medical product or intervention. This can include impacts arising from the development process. (TEXT)

If there is a URL which relates to this medical product/intervention, enter it here. (TEXT)

## 11. Artistic & Creative Products (new section)

Provide short title or name for the artistic or creative product. (TEXT)

Select type of artistic or creative product from list (DROP DOWN)

Artefact (including digital)

Image

Artwork

Composition/Score

Creative Writing

film/video/animation

Artistic/creative exhibition

Performance (music, dance, drama etc)

Briefly describe the artistic or creative product. (TEXT)

Please select the year that this output was realised. (DROP DOWN - YEARS)

Briefly describe any notable impact(s) resulting from the development of this artistic or creative product. (TEXT)

If there is a URL which relates to this output please enter it here. (TEXT)

## 12. Software & Technical Products (new section)

Provide short title or name for the software or technical product. (TEXT)

Select type of software or technical product from this list (DROP DOWN)

Webtool/application

Software

e-business platform

Grid application

Physical model/kit  
New material/compound  
New/improved technique/technology  
Systems, Materials & Instrumental engineering  
Detection Devices

If select 'software', was it open source? (YES/NO)

If yes, what Open Source license is the product licensed under? (DROP DOWN –  
Apache License 2.0  
BSD 3-Clause 'New' or 'Revised' license  
BSD 2-Clause 'Simplified' or 'FreeBSD' license  
GNU General Public License (GPL)  
GNU Library or 'Lesser' General Public License (LGPL)  
MIT License  
Mozilla Public License 2.0  
Common Development and Distribution License  
Eclipse Public License  
Other)

Briefly describe the software or technical product. (TEXT)

Please select the year that this output was realised. (DROP DOWN)

Briefly describe any notable impact(s) resulting from the development of this software or technical product. (TEXT)

If there is a URL which relates to this output please enter it here. (TEXT)

### **13. Spin Outs (previously Impacts on the Private Sector)**

Enter name of the company. (TEXT)

Please enter the registration number of the company. (TEXT) (addition)

In which country is the company primarily based? (AUTOCOMPLETE)

In which year was the company established? (DROP DOWN)

Enter the number of salaried people employed (DROP DOWN – 0, 1-4, 5-9, 10-19, 20-49, 50 – 99, 100-249, 250-499, 500+)

Briefly describe the company. (TEXT)

Briefly describe any notable impact(s) from this company. (TEXT)

If there is a URL which relates to this company, enter it here. (TEXT)

#### 14. Awards & recognition

Select type of award or recognition. (DROP DOWN)

Research Prize

Medal

Awarded **honorary** membership or a fellowship of learned society (change to text)

Appointed as the editor/adviser to a journal or book series

Poster/abstract prize

Attracted **visiting staff** or user (REMOVE 'or internship') to your research group (REMOVE 'laboratory') (change to text)

NIHR Senior Investigator/Clinical Excellence Award

**National honour** e.g. Order of Chivalry, OBE (change to text)

Prestigious/honorary/advisory position to an external body

Personally asked as a **key note** speaker to a conference (change to text)

Honorary Degree (addition)

Enter the name or title of the award or recognition (for reference purposes). (TEXT)

Enter the name of the individual who received the award or recognition (only if this is already in the public domain, otherwise leave blank). (TEXT) (addition)

Select the level of the award or recognition scheme. (DROP DOWN – Regional, National, Continental/International)

Select the year in which the award was made or the recognition was received. (DROP DOWN)

Briefly describe the award or recognition and the reason(s) it was made. Tell us here the role of the staff member(s) who received the recognition (REMOVE 'but please do not name them'). (TEXT) (change to text)

Briefly describe any notable impact(s) that have arisen from this award or recognition. (TEXT)

Enter any URL which relates to this award or recognition. (TEXT)

#### 15. Use of Facilities & Resources

Provide a short name/title for this work (this might be the name of the facility). This will be used for your reference purposes. (TEXT)

Enter the name of the facility (AUTOCOMPLETE)



Briefly note the services provided or the nature of the resource shared through this (e.g. Beamline time, Training, access to NMR machine, shared dataset etc.) (TEXT)

Enter the year in which you began using this service/facility/centre (DROP DOWN - YEAR)

Enter the year in which you stopped (or expect to stop) using this service/facility/centre (DROP DOWN - YEAR)

Note any subsequent impacts from this work. (TEXT)

Enter any URL which relates to the work that is being reported if applicable. (TEXT) (addition)

## 16. Other Outputs & Knowledge/Future Steps

Provide a short name/title for this output. This will be used for your reference purposes only. (TEXT)

Briefly provide details here, identifying any subsequent impact that may have arisen from your research. (TEXT)

Has this already been progressed further, either by you, by your collaborators or by other research teams? (YES/NO/Not applicable)

In what ways might this (REMOVE discovery) benefit society and/or the economy? (TEXT) (change to text)

To help us to continually improve the questions in the outcomes collection system, if you feel you should have been able to report this against one of the specific output types in the system please select which one. (DROP DOWN - include output types) (addition)

## Additional questions

### Funder specific output types

#### 17. Key Findings (new section)

Used by AHRC, BBSRC, EPSRC, ESRC, NERC & STFC

What have you discovered or developed through the research funded on this grant? Please explain for a non-specialist audience. (TEXT)

Have you met your original objectives? (YES/NO/PARTIALLY)

If no/partially, please choose one or more reasons. (DROP DOWN)

Experimental, methodological or technical issues

Staffing matters (e.g. skills shortages, recruitment delays, unexpected extended leave or departure of staff)

Access to archives, data or participants

Other resourcing issues (e.g. difficulty/delay in securing key equipment)

Unrealistic initial objectives

Higher than anticipated risk levels

Changing landscape of research programme

Regulatory issues

Difficulties with collaborative partners

Please expand on why you have not met your original objectives if you wish to (TEXT)

Are there further details of your findings on the web? If so please provide the URL here (TEXT)

In what ways might your findings be taken forward or put to use by others? (TEXT)

To which sectors do you think your findings might potentially be of interest? (CHECK LIST multiple selection –

Aerospace, Defence and Marine

Agriculture, Food and Drink

Chemicals

Communities and Social Services/Policy

Construction

Creative Economy

Digital/Communication/Information Technologies (including Software)

Education

Electronics

Energy

Environment

Financial Services, and Management Consultancy

Healthcare

Leisure Activities, including Sports, Recreation and Tourism

Government, Democracy and Justice

Manufacturing, including Industrial Biotechnology

Culture, Heritage, Museums and Collections

Pharmaceuticals and Medical Biotechnology

Retail

Security and Diplomacy

Transport

Other)

## **18. Narrative Impact (new section)**

Used by AHRC, BBSRC, EPSRC, ESRC, NERC & STFC

How have your findings been used? Please provide a brief summary. (TEXT)

What types of impact have arisen from the research? Please tick all that apply.  
(DROP DOWN – Cultural, Societal, Economic, Policy & public services)

In which sectors has your research been used? (CHECK LIST multiple selection –

Aerospace, Defence and Marine

Agriculture, Food and Drink

Chemicals

Communities and Social Services/Policy

Construction

Creative Economy

Digital/Communication/Information Technologies (including Software)

Education

Electronics

Energy

Environment

Financial Services, and Management Consultancy

Healthcare

Leisure Activities, including Sports, Recreation and Tourism

Government, Democracy and Justice

Manufacturing, including Industrial Biotechnology

Culture, Heritage, Museums and Collections

Pharmaceuticals and Medical Biotechnology

Retail

Security and Diplomacy

Transport

Other)

Date first materialised (DROP DOWN – year)

## 19. Skills Shortage

Used by MRC

Have you experienced difficulty in recruiting to, or retaining staff in positions demanding particular skills? (Yes/No)

Briefly provide details about the skill required and the level of position that was difficult to fill. (TEXT)

## 20. Secondments, placements and internships to or from other organisations (new section)

Used by RCUK

Enter a label for the staff member you want to tell us about so that you can easily distinguish multiple responses. (TEXT)

Please select the organisation involved in the secondment (AUTOCOMPLETE)  
(Sector e.g. charity, private etc, and industry/discipline area e.g. Agriculture, Food and Drink, Chemicals, Communities and Social Services will then be held as standing data against the organisation in the 'Location table')

Start date – month/year (DROP DOWNS)

End date – month/year (DROP DOWNS)

What did the secondments/placement/internship involve? Please also note any known impacts. (TEXT)

## Grant specific output types

### 21. Animal Use

Used by BBSRC, EPSRC, ESRC, MRC & NERC

The aim of this section is to capture information on:

- animal usage during this research project
- how researchers have applied the 3Rs in their project, to include both what was planned at the beginning of the project to implement the 3Rs and anything implemented during the course of the project to further reduce, refine or replace the number of animals used
- and whether this has led to significant changes in the way the project was carried out

Has your research involved use of animals that are covered by the Animals (Scientific Procedures) Act 1986 (<https://www.gov.uk/research-and-testing-using-animals>)? (YES/NO)

If YES, directed through all questions below.

If NO, directed to last two questions in section.

If yes, please select the species of animal from the list below. (You will then be asked to answer questions for each species of animal used). (CHECK LIST)

Mouse	Primate - Cynomolgus monkey
Rat	(Macaca ascicularis)
Guinea-pig	Primate - Rhesus monkey (Macaca mulatta)
Hamsters (Syrian) (Mesocricetus auratus)	Primate - Vervets chlorocebus
Hamsters (Chinese) (Cricetulus griseus)	Primate - Baboons
Gerbil	Primate - Apes
Other rodent (please specify)	Other species of non-human primates (please specify)
Rabbit	Other mammal (please specify)
Cat	Bird - Domestic fowl
Dog - beagle	Bird - Turkey
Dog - Greyhound	Bird - Quail (Coturnix coturnix)
Dog - other including cross bred	Bird - Quail (spp. other than Coturnix coturnix)
Ferret	Bird - Other species (please specify)
Other carnivore (please specify)	Any reptilian species (please specify species)
Horse, donkey and cross-bred equids	Amphibian - Rana temporaria
Pig	Amphibian - Rana pipiens
Goat	Amphibian - Xenopus laevis
Sheep	Amphibian - Xenopus tropicalis
Cattle	Amphibian - Other species (please specify)
Deer	FISH
Camelid	Fish - Zebra fish
Other ungulate (please specify)	Fish - Other species (please specify)
Primate - Prosimians (Prosimia)	
Primate - Marmoset and tamarins	
Primate - Squirrel monkey	

Any Cephalopod (please specify \_\_\_\_\_ species)

THE FOLLOWING QUESTIONS ARE REPEATABLE FOR EACH TYPE OF ANIMAL USED

What have you done about implementing the 3Rs in this programme/project? Definitions of the 3Rs can be found at [www.nc3rs.org.uk/3Rs](http://www.nc3rs.org.uk/3Rs) (CHECK BOXES – MULTIPLE)

Replaced some animal use with alternative technique

Reduced number of animals required (e.g. improved experimental design or statistical analysis)

Changes resulting in downgrading of severity limits for procedures/protocols

Avoidance of specific procedures or adverse effects (e.g. surgery, restraint, paralysis, death, infection)

Objective indicators of improved animal welfare (e.g. reduced mortality rates, faster recovery times, physiological measures)

Improved housing, including environmental enrichment

Substitution by a species of lower neurophysiological sensitivity

Other (please explain)

Was anything changed during the course of the project to further reduce, refine or replace animal use? (YES/NO)

Please give a brief description, including details of alternative techniques used and note any subsequent impacts. (TEXT)

Has your work led to the development of any refinements or new methods with potential 3Rs impacts that could be shared/adopted by others? (YES/NO)

If yes, briefly describe these here and the scale of the actual and potential impact e.g. local practice, national policy etc. Please note that if appropriate these should be reported in full in the relevant section of Researchfish such as influence on policy, research tools & methods etc, and need only be referred to here. (TEXT)

## **22. MRC National Preventative Research Initiative & Environmental and Social Ecology of Human Infectious Diseases (NPRI/ESEI)**

Used by MRC

Has the funding scheme provided additional value as a jointly-funded initiative (rather than being funded by, say, MRC alone)? (YES/NO)

Have the annual scientific meetings helped you achieve the objectives of your award and/or developed your research activities more broadly? (YES/NO)

If yes, how? (CHECK BOXES - MULTIPLE)

Opportunity to present and/or discuss research experiences including challenges

Opportunity to network, including developing new collaborations

Other

If Other, please describe here. (TEXT)

## **23. MRC Lifelong Health & Wellbeing**

Used by MRC

Has LLHW provided additional value as a jointly-funded initiative (rather than being funded by, say, MRC alone)? (YES/NO)

Add Example(s) (repeatable, i.e. can add more than one example)

What has been the added value? (DROP DOWN)

New interdisciplinary collaborations and broader expertise (outside of your project partners)

Closer engagement with policy

Closer engagement with practice

Ability to publish in journals not normally accessible to your/single disciplines

Other

If Other, please state here. (TEXT)

Provide a short name/title for this output. (TEXT)

Please provide a specific example from the last twelve months to demonstrate the added value identified above. (TEXT)

How many students (PhD or MSc) are currently supported through this award? (Enter full-time equivalent number, or 0) (TEXT)

Please list any training courses offered through this award and how many students and researchers attended each course. (TEXT)

What other activities supported by this award have your students/researchers participated in? (TEXT)

How many students/researchers have remained in the ageing related field after they have left your LLHW funding programme? Please list names and positions. (TEXT)

## 24. STFC Public Engagement

Used by STFC

Have you or a member of your STFC-funded team disseminated information about any of the output(s) from this STFC funding agreement to a non-academic audience? (YES/NO)

How was the research disseminated? We are interested in the role played by you or a member of your team in the activity, regardless of whether this was presenting to or engaging with an audience. Please record the number of activities undertaken in the relevant categories. (LIST)

Face-to-face interaction (NUMERIC)

Writing for a publication (electronic or paper) (NUMERIC)

Interview for media (press, TV, radio) (NUMERIC)

Contribution towards a blog or website (NUMERIC)

Was this part of a recognised, ongoing scheme? (YES/NO)

If yes, please provide the details here. (TEXT)

Who was the primary audience? Please record the number per year. (DROP DOWN)

Students – Primary school (NUMERIC)

Students – Secondary School (NUMERIC)

Students – Further education college (NUMERIC)

Students – Higher education college (NUMERIC)

Teachers – Schools and colleges (NUMERIC)

Participants in your research (NUMERIC)  
Journalists/media (NUMERIC)  
Policymakers/parliamentarians (NUMERIC)  
Industry (NUMERIC)  
Science communicators (NUMERIC)  
Public/other audiences (NUMERIC)

Please provide information about any resources that were produced (eg podcast, CD). (TEXT)

Briefly describe any notable impacts that arose from this activity. (TEXT)