

RESEARCH DATABASE

Annual Report to Research Ethics Committee

Research databases with approval from a Research Ethics Committee are required to provide the REC with an annual report on their activities. This form sets out the minimum content of the report and a template format, which may be adapted appropriately.

1. Details of the Chief Investigator of the Research Database (“Data Controller”)

Name:	Julia Hippisley-Cox
Address:	Nuffield Department of Primary Health Care Sciences, University of Oxford
E-mail:	julia.hippisley-cox@phc.ox.ac.uk

2. Details of the Database

Title:	QRResearch@Oxford Data Linkage Project
Establishment responsible for management of the database:	University of Oxford
Data Custodian <i>This should be a senior individual, not part of the research database team, who is responsible for oversight of the database within the establishment.</i>	Phil Nieri, Information Governance Manager Department of Primary care Health Sciences, University of Oxford philip.nieri@phc.ox.ac.uk
Main REC:	East Midlands – Derby Research Ethics Committee
REC reference number:	18/EM/0400

3. Summary of activity for [period covered by report]

Please provide an overall summary of the database's activities during the year, including:

- *Data collection*
- *Use /release of data*
- *Collaborations with other databases /programmes*
- *Engagement with patients/service users and publicity*
- *Any significant developments in the database's scope, operation or governance.*

3.1 Data collection

More recent data from general practice, cancer registry, civil registry, hospital episode statistics, Intensive Care National Audit and Research Centre (ICNARC) SGSS, the National Immunisation (NIMS) Database and maternity services have been collected during the year and uploaded into the QResearch linked database.

3.2 Use/release of data

Please see appendix for a list of the currently approved projects many of which are using combinations of the GP data linked to HES, cancer registry, mortality, ICNARC and COVID-19 and NIMS COVID-19 vaccination data.

3.4 Database Scope, Operation and Governance.

There have been no major changes to the database scope, operation or governance. There are continual improvements to the QResearch Scientific and the QResearch Advisory Board as follows

QResearch Scientific Committee.

- The committee has both academics and lay representatives from within and external to Oxford. More details on members are published on the relevant section of the QResearch website.
- <https://www.qresearch.org/about/scientific-committee/>.
- Minutes of the Scientific Committee are published [here](#).

QResearch Advisory Board.

- The advisory board met twice times during 2023 and provided guidance and advice on a number of initiatives to enhance patient engagement including new data linkages. Further information, including minutes of meetings, is published here <https://www.qresearch.org/about/advisory-board/>

Engagement with patients and service users and publicity

- **Engagement with practices:** we continue to produce a biannual newsletter which is disseminated via social media and our website ([QResearch](#)) and the Oxford University Website.
- **Engagement with patients:** There are two patient representatives on the QResearch Advisory Board and two on the QResearch Scientific Committee who provide feedback on aspects relevant to patients including information provided to patients, lay summaries of ongoing projects, governance and potential benefits of QResearch, and review applications to access the data for research projects. As a

response to these patients, we are now improving the usability of the website for patients.

- **QResearch website lay summary:** A lay summary for all new and ongoing projects continues to be published. This continues to be reviewed as part of the Scientific Committee review. <https://www.qresearch.org/research/approved-research-programs-and-projects/>
- **QResearch Data Showcase;** We have continued to update the data section on the website which gives a high-level overview of the types of data collected and broad summaries for some major conditions (e.g. the total numbers of patients with cancer on the database). This is intended to provide more information to both services users and researchers interested in using the resource. <https://www.qresearch.org/data/> We have also published information about the data on the HDR UK Innovation Gateway. <https://web.www.healthdatagateway.org/collection/4957748719417454>

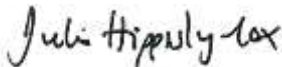
Use and release of data

- In accordance with our protocol, all data is held on Oxford servers. No data is physically released to researchers – rather researchers who have approved projects and have met the eligibility criteria (including appropriate IG training) are provided with remote access to the server where the relevant subset of data is located. A full list of all current projects (including ongoing projects approved under the previous REC application prior to the move to Oxford) is appended.

4. Applications for access to data

Please append a listing of applications made to the database for release of, or access to, data during the reporting period, together with a lay summary of the purpose of each approved project. Include any releases authorised following a further project-specific application to a REC, as well as those authorised under generic approval.

5. Declaration

Signature of database manager:	
Date of submission:	15.12.2023

Applications for release of data

Please also provide a lay summary (maximum 200 words) for each project for which release of data was approved. Include both projects conducted within the research database team and by external researchers. Where further project-specific approval was given by a REC, please include the REC Reference Number in the additional comments.

Projects approved and amendments in 2023

ID	Project title	name of chief investigator	lead institution	Type New application or amendment	QR science outcome	link to lay summary where data released and summary of data set (200 words)
OX330	Comparisons between three clinical research databases (QResearch, CPRD Aurum and CPRD Gold)	Prof Julia Hippisley-Cox	University of Oxford	New application	Approved	Comparisons between three clinical research databases (QResearch, CPRD Aurum and CPRD Gold) - QResearch
OX171	Antibiotic use and survival from breast cancer	Dr Christopher Cardwell	Queen's University of Belfast	New application	Approved	Antibiotic use and survival from breast cancer - QResearch
OX309	MAARS Multimodal Active Adaptive Risk Stratification for Cancer (amendment request 1)	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approved	MAARS Multimodal Active Adaptive Risk Stratification for Cancer - QResearch
OX94	Development and validation of a risk assessment tool to improve early detection of childhood, adolescent and young adult cancer	Dr Defne Saatci	University of Oxford	Amendment	Approved	Development and validation of a risk assessment tool to improve early detection of childhood, adolescent and young adult cancer - QResearch
OX123	The impact of the COVID-19 pandemic on the diagnosis of childhood, teenage and young adult cancers	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approved	The impact of the COVID-19 pandemic on the diagnosis of childhood, teenage and young adult cancers - QResearch
OX309	MAARS Multimodal Active Adaptive Risk Stratification for Cancer (amendment request 2)	Julia Hippisley-cox	University of Oxford	Amendment	Approved	MAARS Multimodal Active Adaptive Risk Stratification for Cancer - QResearch
OX46	What knowledge would support improving the management of teenagers with dysmenorrhoea in	Sharon Dixson	University of Oxford	Amendment	Approved	What knowledge would support improving the management of teenagers with dysmenorrhoea in primary care? - QResearch

	primary care?					
OX136	Exploring the long-term complications associated with childhood, adolescent and young adult survivors of cancer	Dr Defne Saatci	University of Oxford	Amendment	Approved	Long Term Complications of Childhood, Adolescent and Young Adult Cancers - QResearch
OX173	Influenza, MenACWY, HPV and COVID-19 vaccines in children: uptake, safety and effectiveness during the COVID-19 pandemic in the UK	Prof Julia Hippisley-Cox	University of Oxford	New Application	Approved	Influenza, MenACWY, HPV and COVID-19 vaccines in children: uptake, safety and effectiveness during the COVID-19 pandemic in the UK (2) - QResearch
OX171	Antibiotic use and survival from breast cancer	Dr Chris Cardwell	Queen's University of Belfast	New application	Approved	Antibiotic use and survival from breast cancer - QResearch
OX322	Quantifying disparities in HRT prescribing	Dr Jennifer Hirst	University of Oxford	New application	Approved	Quantifying disparities in HRT prescribing - QResearch
OX333	Analysis of survival from blood cancer in England	Dr Diana Withrow	University of Oxford	New application	Approved	Analysis of survival from blood cancer in England - QResearch

Projects approved in 2022

ID	Project title	name of chief investigator	lead institution	Type New application or amendment	QR science outcome	link to lay summary where data released and summary of data set (200 words)
OX153	Development and validation of a decision risk tool (QPancreasD) for early diagnosis of pancreatic ductal adenocarcinoma (PDAC) among new-onset diabetes in UK primary care	Dr Pui San Tan	University of Oxford	Amendment	Approve	Decision risk tool (QPancreasD) for early diagnosis of pancreatic ductal adenocarcinoma (PDAC) among new-onset diabetes - QResearch
OX107	Evaluation of the safety, uptake and effectiveness of COVID-19 vaccines	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approve	Uptake and comparative safety of new COVID-19 therapeutics - QResearch

OX141	Effects of obesity on COVID in the 2nd wave of the pandemic (including healthcare costs)	Dr Nerys Astbury	University of Oxford	Amendment	Approve	Effects of obesity on COVID in the 2nd wave of the pandemic (including healthcare costs) - QResearch
OX300	Optimising NHS blood cancer patient care in the COVID-19 pandemic	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approve	Optimising NHS blood cancer patient care in the COVID-19 pandemic - QResearch
OX300	Optimising NHS blood cancer patient care in the COVID-19 pandemic	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approve	Optimising NHS blood cancer patient care in the COVID-19 pandemic - QResearch
OX46	What knowledge would support improving the management of teenagers with dysmenorrhoea in primary care?	Dr Sharon Dixon	University of Oxford	Amendment	Approve	What knowledge would support improving the management of teenagers with dysmenorrhoea in primary care? - QResearch
OX46	What knowledge would support improving the management of teenagers with dysmenorrhoea in primary care?	Dr Sharon Dixon	University of Oxford	Amendment	Approve	What knowledge would support improving the management of teenagers with dysmenorrhoea in primary care? - QResearch
OX128	Exploring the Long Term health outcomes of a Pregnancy with gestational Diabetes (ELOPE-GDM)	Dr Nerys Astbury	University of Oxford	Amendment	Approve	Exploring the Long Term health outcomes of a Pregnancy with gestational Diabetes (ELOPE-GDM) - QResearch
OX7	Safety of atypical antipsychotic use in children and adolescents: a cohort study using the QResearch database	Prof Yana Vinogradova	University of Nottingham	Amendment	Approve	Antipsychotic use in children and adolescents - QResearch
OX69	Seasonal trends in antidepressant prescribing and mental health diagnoses in adolescents and young adults: study using UK primary care data	Dr Ruth Jack	University of Nottingham	Amendment	Approve	Seasonal trends in antidepressant prescribing and mental health diagnoses in adolescents and young adults - QResearch
OX149	Exploring the Long-term (clinical) Outcomes following a Pregnancy affected by Gestational Diabetes Mellitus	Dr Nerys Astbury	University of Oxford	Amendment	Approve	Exploring the Long-term (clinical) Outcomes following a Pregnancy affected by Gestational Diabetes Mellitus - QResearch
OX316	Uptake, effectiveness and safety of COVID-19 vaccinations in pregnant women	Professor Julia Hippisley-Cox	University of Oxford	Amendment	Approve	Uptake, effectiveness and safety of COVID-19 vaccinations in pregnant women. - QResearch
OX316	Uptake, effectiveness and safety of COVID-19 vaccinations in pregnant women	Professor Julia Hippisley-Cox	University of Oxford	Amendment	Approve	Uptake, effectiveness and safety of COVID-19 vaccinations in pregnant women. - QResearch
OX316	Uptake, effectiveness and safety of COVID-19 vaccinations in pregnant women	Professor Julia Hippisley-Cox	University of Oxford	Amendment	Approve	Uptake, effectiveness and safety of COVID-19 vaccinations in pregnant women. - QResearch
OX90	The Impact of Miscarriage on Mental Health Outcomes	Professor Stavros Petrou	University of Oxford	Amendment	Approve	The Impact of Miscarriage on Mental Health Outcomes - QResearch
OX92	Is critical illness treated on ICU associated with an increase in subsequent major adverse cardiovascular events when compared with similar members of the	Dr Robert Hatch	University of Oxford	New application	Approve	Is critical illness treated on ICU associated with an increase in subsequent major adverse cardiovascular events when compared with

	UK population and does severe COVID-19 increase this risk further?					similar members of the UK population and does severe COVID-19 increase this risk further? - QResearch
OX46	What knowledge would support improving the management of teenagers with dysmenorrhoea in primary care?	Dr Sharon Dixon	University of Oxford	New application	Approve	What knowledge would support improving the management of teenagers with dysmenorrhoea in primary care? - QResearch
OX149	Exploring the Long-term health Outcomes following a PrEgnancy with Gestational Diabetes Mellitus (ELOPE-GDM)	Dr Nerys Astbury	University of Oxford	New application	Approve	Exploring the Long-term (clinical) Outcomes following a PrEgnancy affected by Gestational Diabetes Mellitus - QResearch
OX318	Dynamic evaluation and updating of Covid-19 risk prediction models over time: Methods and pipeline	Prof Julia Hippisley-Cox	University of Oxford	New application	Approve	Dynamic evaluation and updating of Covid-19 risk prediction models over time: Methods and pipeline - QResearch
OX316	Uptake, effectiveness and safety of COVID-19 vaccinations in pregnant women.	Prof Julia Hippisley-Cox	University of Oxford	New application	Approve	Uptake, effectiveness and safety of COVID-19 vaccinations in pregnant women. - QResearch
OX164	Co-prescription of antibiotics and oral anticoagulants and risk of bleeding	Dr Haroon Ahmed	Cardiff University	New application	Approve	Co-prescription of antibiotics and oral anticoagulants and risk of bleeding - QResearch
OX154	The Psychosis Metabolic Risk Calculator (PsyMetRiC) - Validation, Recalibration and Model Revision Study	Dr Benjamin Perry	University of Cambridge	New application	Approve	The Psychosis Metabolic Risk Calculator (PsyMetRiC) - Validation, Recalibration and Model Revision Study - QResearch
OX309	MAARS Multimodal Active Adaptive Risk Stratification for Cancer	Prof Julia Hippisley-Cox	University of Oxford	New application	Approve	MAARS Multimodal Active Adaptive Risk Stratification for Cancer - QResearch
OX167	COVID-19 vaccination in children in England: uptake, safety and effectiveness	Dr Martina Patone	University of Oxford	New application	Approve	COVID-19 vaccination in children in England: uptake, safety and effectiveness - QResearch
O165	Diagnosis of Paediatric Type 1 Diabetes, Inflammatory Bowel Disease & Coeliac Disease in Primary Care	Dr Christian Farrier	University of Oxford	New application	Revise & resubmit	Lay summary will be made available if/when approved.

Projects approved in 2021

	Project title	name of chief investigator	lead institution	Type New application	QR science outcome	link to lay summary where data released and summary of data set (200 words)
--	----------------------	-----------------------------------	-------------------------	-----------------------------	---------------------------	--

				or amendment		
OX107	Uptake and comparative safety of new COVID-19 vaccines by age, sex, region, ethnicity, comorbidities, medication, deprivation, risk level and evidence of prior COVID infection	Prof Julia Hippisley-Cox	University of Oxford	New application	Approved	Uptake and comparative safety of new COVID-19 vaccines by age, sex, region, ethnicity, comorbidities, medication, deprivation, risk level and evidence of prior COVID infection - QResearch
OX125	CoMPuTE: Complex Multimorbidity Phenotypes, Trends, and Endpoints	Prof Rafael Perera	University of Oxford	New application	Approved	CoMPuTE: Complex Multimorbidity Phenotypes, Trends, and Endpoints - QResearch
OX128	Exploring the Long Term health outcomes of a Pregnancy with gestational Diabetes (ELOPE-GDM)	Dr Nerys Astbury	University of Oxford	New application	Approved	Exploring the Long Term health outcomes of a Pregnancy with gestational Diabetes (ELOPE-GDM) - QResearch
OX30	Development and validation of personalised risk prediction models for early detection and diagnosis of hepatocellular carcinoma (HCC) among the English population from primary care	Professor Ellie Barnes	University of Oxford	New application	Approved	Development and validation of personalised risk prediction models for early detection and diagnosis of hepatocellular carcinoma (HCC) among the English population from primary care - QResearch
OX102	Quantifying the association between ethnicity and COVID-19 outcomes: a population-based study using QResearch linked databases	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approved	Quantifying the association between COVID-19, ethnicity and mortality: A cohort study across three UK national databases - QResearch
OX123	The impact of the COVID-19 pandemic on the diagnosis of childhood, teenage and young adult cancers	Dr Defne Saatci	University of Oxford	Amendment	Approved	The impact of the COVID-19 pandemic on the diagnosis of childhood, teenage and young adult cancers - QResearch
OX300	Optimising NHS blood cancer patient care in the Covid-19 pandemic	Prof Julia Hippisley-Cox	University of Oxford	New Application	Approved	Optimising NHS blood cancer patient care in the COVID-19 pandemic - QResearch
OX153	Development and validation of a decision risk tool (QPancreasD) for early diagnosis of pancreatic ductal adenocarcinoma (PDAC) among new-onset diabetes in UK primary care	Dr Pui San Tan	University of Oxford	New Application	Approved	Decision risk tool (QPancreasD) for early diagnosis of pancreatic ductal adenocarcinoma (PDAC) among new-onset diabetes - QResearch

OX37	The Integration and Analysis of Data using Artificial Intelligence to Improve Patient Outcomes with Thoracic Diseases (DART)	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approved	The Integration and Analysis of Data using Artificial Intelligence to Improve Patient Outcomes with Thoracic Diseases (DART) - QResearch
OX86	COVID-Associations between COVID-19 infection, common respiratory conditions, drugs used for their treatment, tobacco and nicotine use: a prospective QResearch-Case Mix Programme data linkage study January-May 2020	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approved	COVID-19, smoking and respiratory conditions: a prospective QResearch-Case Mix Programme study - QResearch
OX54	Characteristics of Chronic Hepatitis B associated with Cirrhosis and Cancer: analysis of a large UK primary care database.	Ms Cori Campbell	University of Oxford	Amendment	Approved	Characteristics of Chronic Hepatitis B associated with Cirrhosis and Cancer - QResearch
OX57	Impact of GP intervention and smoking cessation on secondary prevention of cardiovascular disease in individuals diagnosed with coronary heart disease and stroke	Ms Angela Wu	University of Oxford	New Application	Approved	Examining effects of GP intervention and smoking cessation on secondary prevention of cardiovascular disease - QResearch
OX7	Antipsychotic prescribing and monitoring of physical health in children and adolescents with mental health problems: a cohort study using primary care data	Prof Yana Vinogradova	University of Oxford	Amendment	Approved	Antipsychotic use in children and adolescents - QResearch
OX90	The Impact of Miscarriage on Mental Health Outcomes	Prof Stavros Petrou	University of Oxford	Amendment	Approved	The Impact of Miscarriage on Mental Health Outcomes - QResearch
OX24	Use of hormone replacement therapy and survival from cancer	Dr Christopher Cardwell	Queens University of Belfast	Amendment	Approved	Use of hormone replacement therapy and survival from cancer - QResearch
OX79	OX79 Coronavirus Record Linkage Project	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approved	QResearch-ICNARC Coronavirus Record Linkage Project - QResearch

OX29	Maternal depression and anxiety disorders and child mental health outcomes	Dr Catia Nicodemo	University of Oxford	Amendment	Approved	Maternal depression and anxiety disorders and child mental health outcomes - QResearch
OX3	Choosing the right antidepressant for depressive disorder	Professor Andrea Cipriani	University of Oxford	Amendment	Approved	Choosing the right antidepressant for depressive disorder - QResearch
OX69	Seasonal trends in antidepressant prescribing, depression, anxiety, and self-harm in adolescents and young adults: study using UK primary care data	Dr Ruth Jack	University of Nottingham	Amendment	Approved	Seasonal trends in antidepressant prescribing and mental health diagnoses in adolescents and young adults - QResearch
OX115	Evaluating diabetes as a risk pathway towards early diagnosis and prognostication of pancreatic ductal adenocarcinoma (PDAC) using the UK QResearch database	Prof Julia Hippisley-Cox	University of Oxford	Amendment	Approved	Diabetes as a risk pathway towards early diagnosis and prognostication of pancreatic cancer - QResearch
OX94	Understanding the early presenting features and long-term complications of childhood and adolescent cancer	Dr Defne Saatci	University of Oxford	New Application	Approved	Understanding the early presenting features and long-term complications of childhood and adolescent cancer
OX136	Long Term Complications of Childhood, Adolescent and Young Adult Cancers	Dr Defne Saatci	University of Oxford	New Application	Approved	Long Term Complications of Childhood, Adolescent and Young Adult Cancers

Projects approved in 2020

	Project title	name of chief investigator	lead institution	QR science outcome	link to lay summary where data released and summary of data set (200 words)
OX24	Use of HRT and cancer survival	Chris Cardwell	Queen's University Belfast	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/use-of-hormone-replacement-therapy-and-survival-from-cancer/

OX66	Hormone replacement therapy and dementia risk: nested case-control studies using CPRD and QResearch	Julia Hippisley-Cox	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/hormone-replacement-therapy-and-dementia-risk-nested-case-control-studies-using-qresearch-and-cprd/
OX54	Hepatitis B - natural history and burden of disease	Cori Campbell	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/characteristics-of-chronic-hepatitis-b-associated-with-cirrhosis-and-cancer/
OX29	Maternal depression and anxiety disorders and child mental health outcomes	Catia Nicodemo	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/maternal-depression-and-anxiety-disorders-and-child-mental-health-outcomes/
OX85	The effect of obesity on incidence and severity of COVID-19	Nerys Astbury	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/examining-the-effects-of-obesity-on-the-severity-of-covid-19-symptoms/
OX86	Associations between COVID-19 infection, tobacco smoking and nicotine use, common respiratory conditions and drugs used for their treatment, : a prospective QResearch-Case Mix Programme data linkage study January-May 2020	Nicola Lindson	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/covid-19-smoking-and-respiratory-conditions-a-prospective-qresearch-case-mix-programme-study/
OX99	A second wave of crisis in the NHS after the COVID-19 pandemic	Catia Nicodemo	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/a-second-wave-of-crisis-in-the-nhs-after-the-covid-19-pandemic/
OX100	Development and validation of a tool for predicting risk of short-term adverse outcomes from COVID-19	Ashley Clift	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/development-and-evaluation-of-a-tool-for-predicting-risk-of-short-term-adverse-outcomes-due-to-covid-19-in-the-general-uk-population/
OX90	Economic costs associated with miscarriage: A secondary analysis of QResearch	Stavros Petrou	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/economic-costs-associated-with-miscarriage-a-secondary-analysis-of-qresearch/
OX102	Quantifying the association between ethnicity and COVID-19 outcomes: a population-based study using QResearch linked databases	Julia Hippisley-Cox	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/quantifying-the-association-between-covid-19-ethnicity-and-mortality-a-cohort-study-across-three-uk-national-databases/

OX7	Antipsychotic prescribing and monitoring of physical health in children and adolescents with mental health problems: a cohort study using primary care data	Yana Vinogradova	University of Nottingham	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qresearch-icnarc-coronavirus-record-linkage-project/
OX123	The impact of the COVID-19 pandemic on the diagnosis of childhood, teenage and young adult cancers	Dr Defne Saatci	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/the-impact-of-the-covid-19-pandemic-on-the-diagnosis-of-childhood-teenage-and-young-adult-cancers/
OX115	Evaluating diabetes as a risk pathway towards early diagnosis and prognostication of pancreatic ductal adenocarcinoma (PDAC) using the UK QResearch database	Shivan Sivakumar, Rachael Bashford-Rogers	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/diabetes-as-a-risk-pathway-towards-early-diagnosis-and-prognostication-of-pancreatic-cancer/
OX39	DELTA - integrateD diagnostic solution for EarLy deTectioN of oesophageal cAncer	Rebecca Fitzgerald	University of Cambridge	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/ox39-project-delta-integrated-diagnostic-solution-for-early-detection-of-oesophageal-cancer/
OX129	Development and validation of statistical learning models to predict breast cancer diagnosis and breast cancer mortality in the general population: a cohort study	Ashley Clift	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/development-and-validation-of-statistical-learning-models-to-predict-breast-cancer-diagnosis-and-breast-cancer-mortality-in-the-general-population-a-cohort-study/
OX22	Dietary or weight loss advice for hypertension in diabetes in primary care	Carmen Piernas	University of Oxford	Approved	https://www.qresearch.org/research/approved-research-programs-and-projects/dietary-or-weight-loss-advice-for-hypertension-in-diabetes-in-primary-care/

Ongoing projects reports in 2019 annual report.

	Project title	name of chief investigator	lead institution	QR science outcome	link to lay summary where data released (200 words)
Q110	QFracture - risk of osteoporotic fracture	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qfracture-risk-of-osteoporotic-fracture/
Q115	QDiabetes Risk Assessment Tool	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qdiabetes-risk-assessment-tool/
Q112	QKidney - predicting the risk of chronic kidney disease	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qkidney-predicting-the-risk-of-chronic-kidney-disease/
Q108	QStroke - risk of ischaemic stroke	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qstroke-risk-of-ischaemic-stroke/
Q88	QThrombosis - risk of thrombosis	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qthrombosis-risk-of-thrombosis/
Q110	QAdmissions, QFrailty and QMortality	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qadmissions-qfrailty-and-qmortality/
Q54	QStatin - risk of unintended effects from statin medication	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qstatin-risk-of-unintended-effects-from-statin-medication/
Q102	QCancer Risk Assessment Tools	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qcancer-risk-assessment-tools/
Q92	QDiabetes - risk of diabetes related complications	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qdiabetes-risk-of-diabetes-related-complications/
Q136	Predicting survival outcomes for patients with a new diagnosis of cancer	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/predicting-survival-outcomes-for-patients-with-a-new-diagnosis-of-cancer/

Q71	Validation of QPrediction scores in QResearch and CPRD	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/validation-of-qprediction-scores-in-qresearch-and-cprd/
Q104	QRISK3 - a new cardiovascular risk score	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qrisk3-a-new-cardiovascular-risk-score/
Q81	QBleed - risk of bleeding	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/qbleed-risk-of-bleeding/
R109	Prostate specific antigen (PSA) testing in the UK population and its implications	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/prostate-specific-antigen-psa-testing-in-the-uk-population-and-its-implications/
R67	Diabetes treatments and risk of cancer: a series of nested case-control studies	Carol Coupland	University of Nottingham	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/diabetes-treatments-and-risk-of-cancer-a-series-of-nested-case-control-studies/
R68	Risk of thrombosis in women prescribed Hormone Replacement Therapy	Julia Hippisley-Cox	University of Nottingham	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/risk-of-thrombosis-in-women-prescribed-hormone-replacement-therapy/
R78	Anticholinergic drugs and the risk of dementia: a nested case control study	Carol Coupland	University of Nottingham	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/anticholinergic-drugs-and-the-risk-of-dementia-a-nested-case-control-study/
Q96	Unintended effects of novel oral anticoagulants (NOAC) vs warfarin in real world settings vs warfarin	Julia Hippisley-Cox	University of Nottingham	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/unintended-effects-of-novel-oral-anticoagulants-noac-vs-warfarin-in-real-world-settings-vs-warfarin/
OX1	Improving Early Recognition of Motor Neurone Disease	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/improving-early-recognition-of-motor-neurone-disease/
OX2	ADEPTS: Accelerated Diagnosis in neuroEndocrine and Pancreatic TumourS.	Steve Pereira	University College London	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/adepts-accelerated-diagnosis-in-neuroendocrine-and-pancreatic-tumours/

OX3	Choosing the right antidepressant for depressive disorder	Andrea Cipriani	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/choosing-the-right-antidepressant-for-depressive-disorder/
OX6	Evaluation of the NHS Health Checks in England 2013-2017	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/evaluation-of-the-nhs-health-checks-in-england-2013-2017/
OX11	Hormone replacement therapy and risk of breast cancer	Julia Hippisley-Cox	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/hormone-replacement-therapy-and-risk-of-breast-cancer/
OX20	Antidepressant Decision Aid Tools and Risk Assessment	Carol Coupland	University of Nottingham	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/antidepressant-decision-aid-tools-and-risk-assessment/
OX22	Dietary or weight loss advice for hypertension in diabetes in primary care	Carmen Piernas	University of Oxford	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/dietary-or-weight-loss-advice-for-hypertension-in-diabetes-in-primary-care/
OX28	Validating a postpartum venous thromboembolism risk prediction model	Joe West	University of Nottingham	approved	https://www.qresearch.org/research/approved-research-programs-and-projects/validating-a-postpartum-venous-thromboembolism-risk-prediction-model-using-qresearch/