

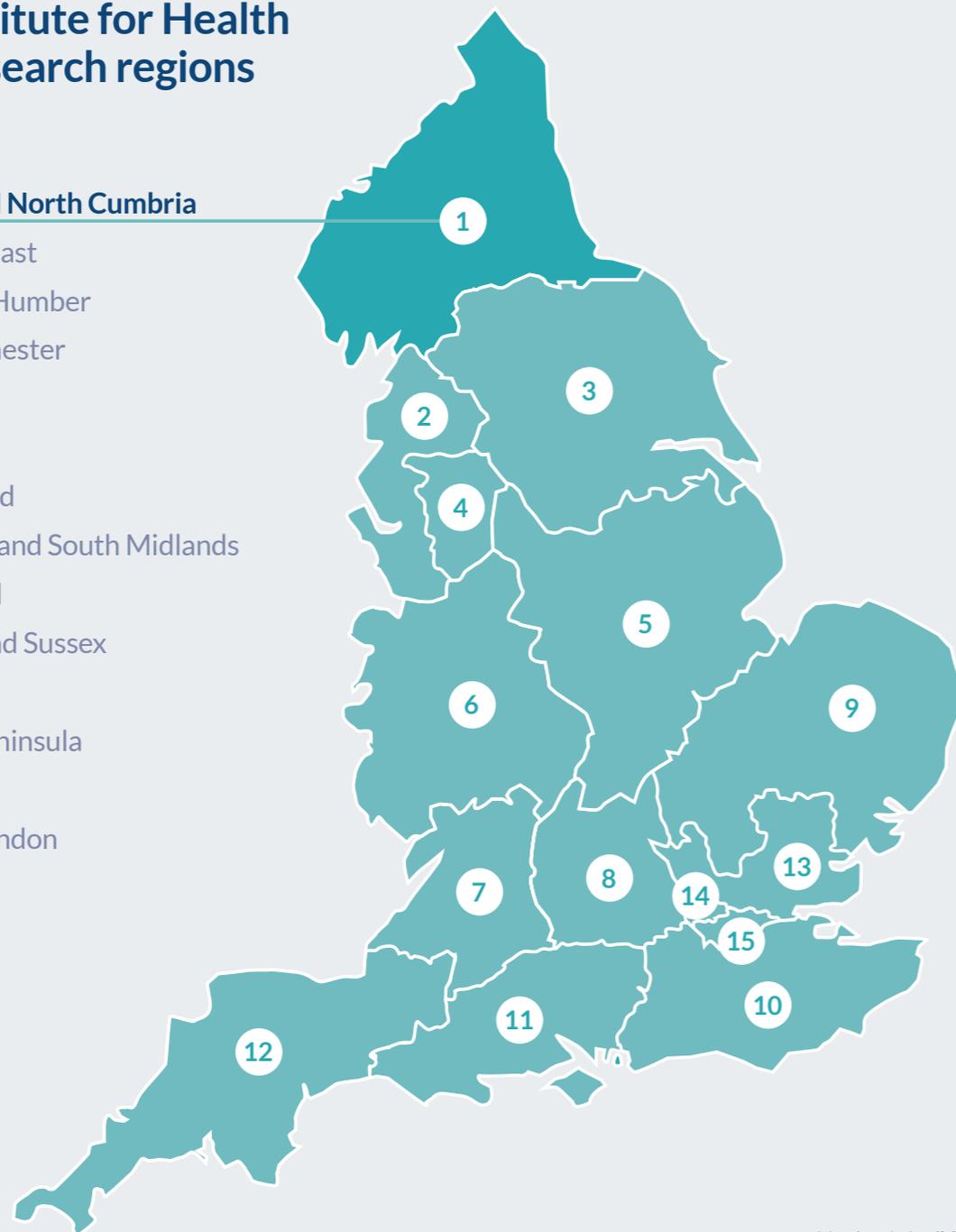
NIHR | National Institute for
Health and Care Research

NIHR in the North East and North Cumbria



National Institute for Health and Care Research regions in England

1. North East and North Cumbria
2. North West Coast
3. Yorkshire and Humber
4. Greater Manchester
5. East Midlands
6. West Midlands
7. West of England
8. Thames Valley and South Midlands
9. East of England
10. Kent, Surrey and Sussex
11. Wessex
12. South West Peninsula
13. North Thames
14. North West London
15. South London



Version 1, April 2021

NIHR | National Institute for Health and Care Research

National Institute for Health and Care Research in the North East and North Cumbria

The NIHR was established in 2006 to create a health research system in which the NHS supports outstanding individuals, working in world-class facilities, conducting leading-edge research focused on the needs of patients and the public.

Since that time, we have transformed research in and for the NHS and helped to shape the health and care research landscape more broadly.

Working in partnership with the NHS, universities, local government, other research funders, patients and the public, we fund, enable and deliver world-leading health and social care research that improves people's health and wellbeing and promotes economic growth.

We are funded by the Department of Health and Social Care. Our work focuses on early translational research, clinical research and applied health and social care research.

We are centred on England but collaborate closely with the devolved administrations in Scotland, Wales and Northern Ireland. We are also a major funder of applied health research in low and middle income countries, work that is principally funded through UK aid from the UK government.



The research pipeline for the North East and North Cumbria

How each part of the local NIHR fits into the research pipeline, from discovery and invention, to diffusion and widespread implementation.

| INVENTION | EVALUATION | ADOPTION | DIFFUSION |
|------------------------|---|----------|-----------|
| | Clinical Research Network North East and North Cumbria | | |
| | Research Design Service North East and North Cumbria | | |
| | Applied Research Collaboration North East and North Cumbria | | |
| Innovation Observatory | | | |
| | School for Public Health Research | | |
| | Newcastle Biomedical Research Centre | | |
| | Newcastle In Vitro Diagnostics Co-operative | | |
| | Policy Research Unit in Behavioural Science | | |
| | Newcastle Clinical Research Facility | | |
| | Newcastle Clinical Trials Unit | | |
| | Patient Recruitment Centre: Newcastle | | |
| | Public Health Intervention Responsive Studies Team | | |

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NIHR Clinical Research Network North East and North Cumbria

Our vision is to improve health and care outcomes for the people of the North East and North Cumbria through research.

NIHR Clinical Research Network North East and North Cumbria promotes increased opportunities for people to take part in health and care research, facilitates effective and efficient study setup and delivery and supports the government's Strategy for UK Life Sciences by improving the environment for commercial contract research. We make sure health and care research occupies the place it deserves in the day-to-day work of the NHS, care homes, local authorities and other community settings.

www.local.nihr.ac.uk/nenc

 @NIHRCRN_NENCumb



In 2020/21 the region recruited 66,078 participants to 520 studies



NIHR Research Design Service North East and North Cumbria

Our vision is to increase the number and quality of applications for applied health and social care research that benefits patients and the public.

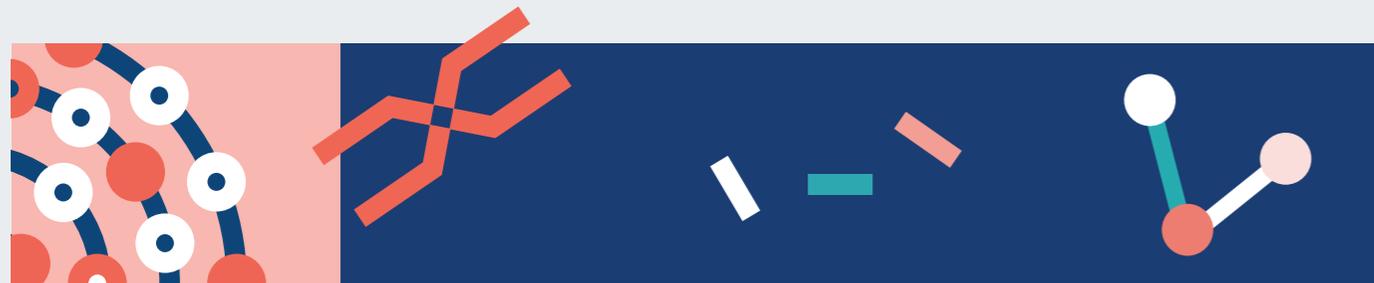
NIHR Research Design Service North East and North Cumbria provides free and confidential research design and methodological advice to researchers who are developing applications for national peer-reviewed funding in applied health and social care research. We also deliver events and workshops to promote NIHR funding opportunities and to encourage patient and public involvement in research.

rds-nenc.nihr.ac.uk

 [@NIHR_RDSNENC](https://twitter.com/NIHR_RDSNENC)



In 2020/21, RDS NENC supported 451 applications for applied health and social care research



NIHR Applied Research Collaboration North East and North Cumbria

Our vision is to achieve better, fairer health and care at all ages and in all places.

NIHR Applied Research Collaboration North East and North Cumbria is a research partnership that brings together six regional universities, the NHS, health and social care providers, local authorities, the voluntary sector, members of the public and others. We work together focussing on applied research and innovation to prevent illness, improve care, promote health and reduce health inequalities.

www.arc-nenc.nihr.ac.uk

 [@NIHR_ARC_NENC](https://twitter.com/NIHR_ARC_NENC)



We awarded more than £2.7M of our £13.5M direct grant to 53 new health and social care projects in our region during 2020/21



NIHR Innovation Observatory

To be a world leading Innovation Observatory that efficiently captures current trends in health innovation delivering outstanding outputs and guiding on areas for future promise.

NIHR Innovation Observatory is the home of health innovation futures scanning. We provide future intelligence and AI tools to help beneficial innovation enter the NHS as quickly as possible. We run six programmes (medicines, diagnostics, devices and digital, insights, data science and AI, industry, and information research), which we view through research lenses aligned to national priorities. These include: children's health and wellbeing, older adults, under-represented populations and primary care.

www.io.nihr.ac.uk

 @NIHRIO



x148

In 2021, 148 briefing notes sent to NICE with innovations in health technology



NIHR School for Public Health Research

NIHR School for Public Health Research (SPHR) conducts high quality research to build the evidence base for effective public health practice.

NIHR School for Public Health Research is a unique collaboration between leading academic centres in England. We aim to conduct high quality research to build the evidence base for effective public health practice and train the next generation of public health leaders. Our research looks at what works practically to improve population health and reduce health inequalities. The benefit of the model is that it brings together leading academic centres in a collaborative working relationship with a strategic, long-term programme of work that allows the 'big issues' in the field to be tackled.

sphr.nihr.ac.uk

 @NIHRSPHR



£29.9m

SPHR has been renewed from 2022-2027 with funding of £29.9 million



NIHR Newcastle Biomedical Research Centre

Our vision is to improve lives through world-class research in ageing and long-term conditions.

We are the only Biomedical Research Centre in the country to focus on converting lab-based research in ageing and long-term conditions into practical and meaningful benefits for patients, the public and the health and care system. We bring together the NHS and academia to develop innovative research ideas, as well as supporting the training of the next generation of healthcare researchers. This activity is ideal for attracting investment from other funders and industry, helping to advance diagnosis, treatment and prevention for complex patient groups, often not represented in experimental medicine research.

www.newcastlebrc.nihr.ac.uk

 @NIHRNewcBRC



x313 x1342

Since the beginning of this BRC (2017) we have funded 313 researchers and support staff, 108 trainees and 1342 projects



NIHR Newcastle In Vitro Diagnostics Co-operative

Our vision is to support the introduction of new diagnostics for patient benefit.

Our centre of expertise brings together researchers and clinicians of different disciplines to support the developers of new diagnostic tests. We work collaboratively with diagnostic developers to generate evidence that supports the adoption and widespread use of their tests in health and care systems. We focus on tests that tackle unmet needs and which build on the regions' world-leading expertise.

newcastle.mic.nihr.ac.uk

 @NIHR_NCL_MIC



x170 £15.5m

Over the last seven years, we have engaged with over 170 diagnostic companies and leveraged over £15.5M in investment in diagnostics



NIHR Policy Research Unit in Behavioural Science

We use behavioural science evidence, theory and methods to support decision-making.

NIHR Policy Research Unit in Behavioural Science is set up to inform government policy on health, preventing ill-health and health systems, and reducing health inequalities. We have a collaborating network of experts in public health, health services research as well as public and patient involvement. We bring together researchers with a range of disciplinary backgrounds and expertise to support policy design, development, evaluation and implementation.

research.ncl.ac.uk/behscipru

 @PRUBehaviourSci



x8

Eight new responsive projects during the Covid-19 pandemic



NIHR Newcastle Clinical Research Facility

We aim to deliver high-quality, cutting-edge experimental medical research working with a number of partners within a national framework.

NIHR Newcastle Clinical Research Facility delivers a broad portfolio of high-quality, cutting-edge experimental medical research and early phase clinical trials by providing a state-of-the-art facility and specialist workforce and knowledge. We are located across four sites: Dental Clinical Research Unit, RVI Clinical Research Unit, Clinical Ageing Research Unit and Paediatric Clinical Research Unit.

newcastle.crf.nihr.ac.uk

 @NIHR_Newc_CRF



x406 23k 9k

In the last five years 406 studies supported, 22,918 study visits and 9,279 research participants



NIHR Patient Recruitment Centre: Newcastle

We are dedicated to setting up and delivering late phase commercial clinical trials in the NHS at pace and scale.

We are one of five national Patient Recruitment Centres that work collaboratively to make it easier and quicker to deliver commercial research in the UK.

We also increase opportunities for NHS patients to access cutting edge treatment and therapies that are not yet widely available through the NHS. We work across the region, through our partners and stakeholders, to ensure as many people as possible are given an opportunity to take part.

www.local.nihr.ac.uk/prc/newcastle

 @PRCNewcastle



Virtual trial recruits 67% faster led by NIHR Patient Recruitment Centre: Newcastle in collaboration with Enteromed



NIHR Public Health Intervention Responsive Studies Team

We enable Local Authorities to rapidly evaluate interventions to improve health across the UK.

We are one of six national PHIRST academic teams, led by Fuse, the Centre for Translational Research in Public Health and working with local authorities to co-produce research on the outcomes and impacts of public health initiatives across the UK. We provide evidence needed to support the policies and programmes that will improve the health of our population and reduce health inequalities across our communities.

PHIRST.nihr.ac.uk
fuse.ac.uk

 @NIHR_PHIRST



Less than 18 months into the five-year programme we already have six evaluation projects underway



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 www.nihr.ac.uk