

Report preparation

Terms of reference

Through this policy project, the Academy will develop a series of short, focused, and accessible evidence summaries aimed at policymakers. The project will aim to:

- Summarise the evidence (for example, biological, clinical, economic) of the impact of improving health in the early years on the long-term mental and physical health of children and future generations.
- Examine the impact of improving child health on the long-term mental and physical health of the population and the associated economic benefits to the nation.
- Highlight the evidence to support actionable and effective interventions to improve the health and wellbeing of children and, where possible, identify any barriers to their effective and equitable implementation.
- Where appropriate, identify areas where further research is needed to (and how this can be facilitated):
 - Further understand how improving health in the early years affects the long-term mental and physical health of the individual, and the associated benefits for the health and wellbeing of the population and the economy.
 - Support the implementation of effective interventions to improve the health and wellbeing of children.

The project will:

- Focus on the health of children up to pre-school (aged five) as this is a key sensitive period where exposure to psychological, social and environmental factors can determine long-term mental and physical health.
- Consider parental and carer health and wellbeing where these impact on the child, as these are interlinked.
- Focus on reducing inequalities in child health as a cross-cutting theme throughout the project. Tackling health inequalities is one of the Academy's strategic priorities and aligns with efforts across the sector to raise standards of health for the whole population.
- Recognise the equal importance of mental and physical health, identifying and evaluating interventions that aim to address both. Tackling mental health challenges is also one of the Academy's strategic priorities.
- Include perspectives from parents and carers to ensure our work is rooted in public, patient and lived experience voices.
- Take a four-nation approach, considering issues across all UK nations.

This project may result in the development of Academy policy positions on child health that may include recommendations.

Steering group membership

This report was prepared by a steering group of the Academy of Medical Sciences. Members participated in a personal capacity, not as representatives of the organisations listed. A summary of the steering group members' interests is provided below.

Co-Chairs

Professor Helen Minnis FMedSci is Professor of Child and Adolescent Psychiatry in the School of Health and Wellbeing at the University of Glasgow. She has had a longstanding clinical and research focus on the psychiatric problems of abused and neglected children. Currently, her focus is on intervention research, including a randomised controlled trial of an infant mental health service for young children in foster care and a randomised controlled trial of Dyadic Developmental Psychotherapy for primary school-aged children in adoptive or foster placements. She is also conducting behavioural genetic research focussed on the role of abuse and neglect and its overlap with neurodevelopment across the life course.

Professor Minnis has collaborations with colleagues at the Institute of Psychiatry, Psychology and Neuroscience at King's College London, the Universities of Aalborg and Aarhus in Denmark and with the Gillberg Neuropsychiatry Centre in Gothenburg, Sweden.

Professor Sir Andrew Pollard FMedSci is Ashall Professor of Infection and Immunity and Director of the Oxford Vaccine Group in the Department of Paediatrics at the University of Oxford, a consultant paediatrician at Oxford Children's Hospital and Fellow of St Cross College. He chairs the UK Department of Health and Social Care's Joint Committee on Vaccination and Immunisation (since 2013) and was a member of the World Health Organization's (WHO's) Strategic Advisory Group of Experts (2016-2022). His research includes novel observations on the B cell response in early childhood; the design, development and clinical evaluation of vaccines in the UK, Asia, Africa and Latin America, including those for COVID-19, typhoid, meningococcus, Haemophilus influenzae type b, pneumococcus, plague, pertussis, influenza, rabies, coronavirus and Ebola; and he leads studies using a human challenge model of paratyphoid and typhoid. He was the chief investigator for the clinical trials of the Oxford-AstraZeneca COVID-19 vaccine, which led to authorisation of the vaccine for use in more than 180 countries with over three billion doses distributed. He received a knighthood in the Queen's Birthday Honours in 2021 for services to Public Health, especially in the pandemic, and received the Order of Medical Merit (Grande Oficial) from the Federal Republic of Brazil in 2022.

Members

Professor Kathleen Boyd is Professor of Health Economics at the Health Economics for Health Technology Assessment (HEHTA) group and Director of research at the School of Health and Wellbeing at the University of Glasgow. Her research focuses on health economics and health technology assessment across a wide range of areas, including pharmacological treatments, medical devices, diagnostic tests, and public health and social care interventions. She leads the economic components related to trial design, the analysis of economic evaluations alongside clinical trials, and the incorporation of modelling and economic analyses for complex and public health interventions. She also serves as a lead health economics reviewer for the Scottish Medicine Consortium New Drugs Committee. She is an advisory board member for the Beatson Cancer Research UK Clinical Trials Unit at Glasgow and a steering committee member for numerous National Institute for Health and Care Research (NIHR) research programme projects.

John Davidson provided insight as an expert with lived experience. He is also the Head of Communications at the Independent Press Standards Organisation (IPSO). In addition, he is a board trustee for the Science Media Centre and Noah's Ark Children's Venture. He has previously served as the UK Enterprise Communications lead for Johnson & Johnson, Director of Communication and Engagement for Genomics England, Associate Director of External and Media Relations for the National Institute for Health and Care Excellence (NICE) and Director of Communications for the Francis Crick Institute. Prior to this, John was a BBC News broadcast journalist.

Professor Keith Godfrey MBE FMedSci is Professor of Epidemiology and Human Development in the Medical Research Council (MRC) Lifecourse Epidemiology Centre at the University of Southampton. He is Associate Dean for Knowledge Exchange and Enterprise in the Faculty of Medicine at the University of Southampton, an honorary consultant at University Hospital Southampton, co-Chair of the UK Preconception Partnership and a member of the Maternity Disparities Taskforce at the Department of Health and Social Care. Professor Godfrey's research focuses on characterising the optimal nutrition and lifestyle for women before and during pregnancy to provide the offspring with the best start in life. His research has established that children's development and their susceptibility to obesity and allergic disorders are affected by the mother's diet and lifestyle before and during pregnancy, with long-term implications for health in later life mediated through epigenetic changes. In 2022, he received an MBE for his services to medicine during the COVID-19 response.

Professor Jonathan Green FMedSci is Professor of Child and Adolescent Psychiatry at the University of Manchester, and Honorary Consultant Child & Adolescent Psychiatrist at Central Manchester and Manchester Children's Hospitals University NHS Trust and Manchester Biomedical Research Centre. He is also Director at IMPACT, a PACT (Paediatric Autism Communication Therapy) training company. Professor Green's clinical and research focus is on social development, particularly the developmental science and early intervention for autism. He co-led the UK's first study into Asperger syndrome and led the first randomised controlled trial of an infancy prodromal intervention for autism (iBASIS) and a post-diagnostic psychosocial intervention trial (PACT), which both showed significant improvements in autism development, sustained for 2 and 6 years respectively. These treatments are widely implanted internationally and form part of an evidenced early care pathway for the condition. He now leads large Global Health trials in which PACT has been adapted and tested for low-income settings using task-shifting (PASSPlus). Clinically, he runs a specialist Social Development Clinic undertaking assessment and treatment innovation with autism spectrum disorder and other impairments of social development in children. Professor Green was a member of the NICE guideline development group on early autism

intervention, has been an advisor to WHO and the French Government, is a Trustee for the research charity Autistica and a UK NIHR Senior Investigator.

Professor Catherine Law CBE FMedSci is Emeritus Professor in the Department of Population, Policy and Practice at the University College London Great Ormond Street Institute of Child Health. Her research focused on common health conditions in children, particularly determining the contribution of fetal and early childhood to lifetime health, a life course approach to reducing inequalities in health, and the use of research in public policy. She was the inaugural Chair of the Public Health Advisory Committee of NICE from 2005 to 2015. From 2008 to 2014, she was inaugural Programme Director of the NIHR Public Health Research Programme and NIHR Strategy Board. Professor Law was also the Chair of the UK Research and Innovation MRC Applied Global Health Research Board, a member of the MRC Strategy Board, and a member of the WHO Europe Advisory Committee on Health Research. She is the recipient of the prestigious James Spence Medal of the Royal College of Paediatrics and Child Health and was appointed a CBE for her services in public health.

Professor Neena Modi FMedSci is Professor of Neonatal Medicine and Faculty of Medicine Vice-Dean (International) at Imperial College London, a Consultant in Neonatal Medicine at Chelsea and Westminster NHS Foundation Trust and lead for the 'Pregnancy and Prematurity' theme of the Imperial Biomedical Research Centre. She also heads a multidisciplinary Neonatal Medicine Research Group and the National Neonatal Research Database. Her group's clinical research addresses the impact of perinatal factors, such as mode of delivery, nutrition, and neonatal care on lifelong health and wellbeing. The group also has a major focus on improving the quality of routinely recorded clinical information and using these data for clinical trials and health services research, and to evaluate neonatal care. Professor Modi has contributed to national reports on children's biomedical research and child health in the UK, and played a key role in establishing a Child Health Research Collaboration and the Children's Research Fellowship Fund. She is a former President of the UK Medical Women's Federation, British Medical Association, and UK Royal College of Paediatrics and Child Health, and is President-elect of the European Association of Perinatal Medicine. She has been elected to presidency positions of the UK Neonatal Society and the Academic Paediatrics Association of Great Britain and Ireland. Professor Modi is a Trustee of the David Harvey Trust, Action Cerebral Palsy and Theirworld. She has also served on the advisory boards of several organisations, including the International Scientific Advisory Board at Nestle International; Connect4Children; International Neonatal Consortium; the Department for Media, Data and Digital Infrastructure; International Data Transfers Expert Council; Singapore Ministry of Health National Medical Research Council; Sophia Children's Hospital Foundation; and Health Data Research UK. The Academy is grateful to Professor Modi for proposing that the Academy undertakes a project on child health.

Ngawai Moss provided insight as an expert with lived experience. She is a parent and advocate for maternal and child health, holds an honorary research fellowship at Queen Mary University of London and co-founded Elly Charity. Her transition from the marine sector to health research began when she participated in a study during her pregnancy, leading to pivotal roles in patient and public involvement. Her collaborations with researchers, clinicians, patients and organisations have been crucial in aligning research agendas with the real-life experiences of women and families. She is a co-investigator in an infant feeding study and two women's health studies on pregnancy and chronic conditions, which include child neurodevelopment outcomes. In addition to her current roles, she has served as an advisor for the NIHR and Health Education England. She has chaired the National Maternity & Perinatal Audit's Clinical Reference Group, and contributed to the British Standards committee, notably in developing the ISO 30401 knowledge management systems standard.

Professor Stavros Petrou is Academic Research Lead in Health Economics and Professor of Health Economics in the Nuffield Department of Primary Care Health Sciences at the University of Oxford, where he leads the 'Health Economics and Policy Evaluation' research group. A key theme of his research is to further methodological development within health economic evaluation. He has held an MRC Senior Non-Clinical Research Fellowship and has served as a core member of the Department of Health's Policy Research Programme Commissioning Panel, as a member of NIHR Programme Grants for Applied Research funding panels, and currently serves on several external committees and editorial boards. Professor Petrou has recently acted as a member of numerous working groups developing methodological approaches and reporting standards for health economic evaluation, including the Department of Health Review of Cost-Effectiveness Methodology for Immunisation Programmes and Procurements working group, and the ISPOR (formerly the International Society for Pharmacoeconomics and Outcomes Research) Health Economic Publication Guidelines Task Force.

Professor Jane Sandall CBE is Professor of Social Science and Women's Health in the Department of Women and Children's Health, School of Life Course and Population Sciences at King's College London. Her current research includes investigating how midwife continuity of care may impact on quality of care, looking at experience and outcomes for women including those at higher risk of pre-term birth and with social risk factors, and a programme on reducing the impact of inequity on experience and outcomes for disadvantaged women and women from different ethnic groups and their infants. Professor Sandall's research in low- and middle-income settings includes the implementation assessment in the MRC-

funded CRADLE trial (awarded the Newton Prize), and looking at strengthening maternal health systems in the NIHR-funded King's College London Global Health Research Unit (ASSET). She has also served as an advisor to many strategies and groups, including the NICE Implementation Strategy Group; NIHR Advanced Fellowship Panel; WHO Strategic and Technical Advisory Group of Experts (STAGE) for maternal, newborn, child, adolescent health, and nutrition; Royal College of Obstetricians and Gynaecologists Centre for Quality Improvement and Clinical Audit Strategic Advisory Forum; and the Expert Group on Enabling Safe, Quality Midwifery Services and Care in Northern Ireland. She recently completed a secondment as Head of Midwifery and Maternity Research at NHS England. Professor Sandall was awarded a CBE in 2016 for her contributions to midwifery and women's health.

Professor Russell Viner CBE FMedSci (member until 1 November 2023) is Chief Scientific Advisor for the Department for Education and Professor of Adolescent Health at University College London. He is a paediatrician at University College London Hospitals and his research focuses on population health, policy, and health services for children and young people, with a particular focus on obesity. Professor Viner has conducted intervention studies in both school and clinical settings in obesity and diabetes. Additionally, he served as the President of the Royal College of Paediatrics and Child Health and as an advisor for the WHO and UNICEF. Currently, he holds the position of a non-executive director at Great Ormond Street Hospital for Children NHS Foundation Trust and Vice-Chair of the NHS England Transformation Board for Children and Young People. He was also part of the Scientific Advisory Group for Emergencies (SAGE) children's group. Professor Viner received a CBE in 2022 for his services to child and adolescent health, particularly during COVID-19.

When it became clear that the report of this project would include recommendations to decision makers in Government, Professor Viner stepped down from the steering group due to a conflict of interest with his role as Chief Scientific Advisor for the Department for Education. He did not participate in the project after 1 November 2023 and was not involved in discussions about emerging conclusions and recommendations. The Academy is grateful for his contributions to the project up until that date.

Project team

Dr Hannah Chance, Policy Officer, Academy of Medical Sciences

Dr Claire Cope, Head of Policy, Academy of Medical Sciences

Dr Alice Fletcher-Etherington (involved until December 2022), Policy Officer, Academy of Medical Sciences

Dr Rachel Quinn, Director of Medical Science Policy, Academy of Medical Sciences

Angel Yiangou, Senior Policy Manager, Academy of Medical Sciences

We are grateful to the following people for their support throughout the project:

The Academy's policy interns, **Dr Martha Roberts** (April – June 2023; Medical Research Council-funded PhD student) and **Olivia Conway** (July – September 2023; Wellcome Trust-funded PhD student) for their support with evidence gathering and synthesis.

Rachel Bonnington, **Dr Melissa Bovis**, **Charlotte Morgan**, **Holly Rogers** and **Charlie Vickers** within the Academy's Engagement team for leading the project's public engagement activities.

Safah Ahmed, **Dr Bex Caygill**, **Nick Hillier**, **Susheila Juggapah** and **Nicky Swire** within the Academy's Communications team for leading on the communications about and launch of the report, as well as freelance consultant **Kerry Noble** for drafting the report summary.

Review group membership

The report was reviewed by a group on behalf of the Academy's Council. Reviewers were asked to consider whether the report met the terms of reference and whether the evidence and arguments presented in the report were sound and supported the conclusions. Reviewers were not asked to endorse the report or its findings. Review group members were:

Professor Ed Bullmore FMedSci, Professor of Psychiatry, University of Cambridge; Treasurer, Academy of Medical Sciences

Professor Gabriella Conti, Professor of Economics, University College London
Professor Mark Hanson, Emeritus Professor Human Development and Health & British Heart Foundation Professor of Cardiovascular Science, University of Southampton
Dr Niina Kolehmainen, Reader in Allied Child Health, University of Newcastle
Dr Fiona Lynn, Senior Lecturer School of Nursing and Midwifery, Queen's University Belfast
Sonah Paton, Lived experience expert
Professor Frances Rice, Professor of Developmental Psychopathology, Cardiff University
Mandy Rudczenko, Lived experience expert
Professor Rosalind Smyth CBE FMedSci, Professor of Child Health, University College London
Professor David Taylor-Robinson, W.H. Duncan Chair in Health Inequalities, Professor of Public Health and Policy, University of Liverpool; Honorary Consultant in Child Public Health, Alder Hey Children's Hospital

We are also grateful to **Professor Mary Renfrew OBE FMedSci**, Professor Emerita, University of Dundee, for reviewing sections of the report during its development.

Evidence gathering

The Academy hosted three roundtables to inform the scope of the project and its terms of reference. This included a scoping roundtable with sector experts chaired by **Professor Dame Anne Johnson DBE PMedSci** on 29 November 2022, a scoping roundtable with sector experts chaired by **Professor Mary Renfrew OBE FMedSci** on 7 December 2022, and a roundtable with sector experts and policymakers led by the steering group co-Chairs on 6 June 2023.

In the development of the report, we conducted interviews with experts to explore the evidence relating to the topic. These were conducted by members of the project team between July and September 2023.

We are grateful to all those that took part in the evidence gathering for this project and apologise to anyone we have inadvertently omitted from this list. Affiliations were correct at the time of meeting.

Nadine Al-Jandali, Project Manager, The Liminal Space
Professor Linda Bauld OBE FMedSci, Bruce and John Usher Chair in Public Health, Usher Institute, University of Edinburgh; Chief Social Policy Advisor, Scottish Government
Professor Helen Bedford, Professor of Children's Health, University College London Great Ormond Street Institute of Child Health
Adrienne Burgess, Joint Chief Executive Officer and Head of Research, Fatherhood Institute
Professor David Burgner, Senior Research Fellow and Group Leader, Murdoch Children's Research Institute
Professor Sarah Byford, Professor of Health Economics, King's College London
Professor Prathiba Chitsabesan, Consultant Child and Adolescent Psychiatrist, Pennine Care NHS Foundation Trust; National Clinical Director for Children and Young People's Mental Health, NHS England
Dr Matthew Clark, Consultant Paediatrician, East Sussex Healthcare NHS Trust; National Speciality Advisor for Children and Young People, NHS England
Leah Clarke, Director, Barney Bears Nursery
Professor Gabriella Conti, Professor of Economics, University College London
Professor Anna David, Professor in Obstetrics and Maternal Fetal Medicine, University College London; Consultant in Obstetrics and Maternal Fetal Medicine, University College London Hospital
Hannah Davies, Head of External Affairs, Northern Health Science Alliance
Dr Jeremy Davies, Lived experience expert
Professor Carol Dezateux CBE, Professor of Clinical Epidemiology and Health Data Science, Barts and The London School of Medicine and Dentistry
Professor Paul Dimitri, Professor of Child Health, University of Sheffield; Consultant in Paediatric Endocrinology, Sheffield Children's NHS Foundation Trust
Christine Farquharson, Associate Director, Institute for Fiscal Studies
Professor Peter Fonagy OBE FBA FMedSci, Professor of Psychoanalysis and Developmental Science, University College London; Chief Executive, Anna Freud
Professor Tamsin Ford CBE FMedSci, Professor of Child and Adolescent Psychiatry, University of Cambridge
Professor Ruth Gilbert FMedSci, Professor of Clinical Epidemiology, University College London Great Ormond Street Institute of Child Health; Director, NIHR Children and Families Policy Research Unit

Professor Sir Peter Gluckman FRS FMedSci, Distinguished Professor, Liggins Institute, University of Auckland

Hermione Greenhalgh, Senior Policy Advisor, Children's Commissioner for England

Professor Mark Hanson, Emeritus Professor Human Development and Health & British Heart Foundation Professor of Cardiovascular Science, University of Southampton

Erin Hawkins, Principal Research Officer – Start for Life Unit, Office for Health Improvement and Disparities, Department of Health and Social Care

Professor Susan Hopkins CBE FMedSci, Professor of Infectious Diseases and Health Security, University College London; Chief Medical Advisor, UK Health Security Agency

Liz Ketch, Director Early Years, Children and Families, Office for Health Improvement and Disparities, Department for Health and Social Care

Dorian Kennedy, Deputy Director Children & Families Team, Office for Health Improvement and Disparities, Department for Health and Social Care

Professor Simon Kenny OBE, Consultant Paediatric Surgeon and Urologist, Alder Hey Children's Hospital; National Clinical Director for Children and Young People, NHS England

Professor Asma Khalil, Consultant in Obstetrics and Fetal Medicine, St George's University Hospital; Vice President, Royal College of Obstetrics and Gynaecologists

Amena Khanom, Lived experience expert

Professor Martin Knapp, Professor of Health and Social Care Policy, Professorial Research Fellow, London School of Economics and Political Science

Dr Niina Kolehmainen, Reader in Allied Child Health, University of Newcastle

Dr Evelyn Law, Assistant Professor, Department of Paediatrics, National University of Singapore; Senior Consultant, National University Hospital

Fiona Lettice, Adoptive Parent

Dr Elaine Lockhart, Consultant Child and Adolescent Health Psychiatrist, Royal Hospital for Children Glasgow; Chair, Royal College of Psychiatrists' Faculty of Child and Adolescent Psychiatry

Professor Eunice Lumsden, Professor of Child Advocacy and Head of Childhood, Youth and Families, University of Northampton

Professor Ronan Lyons OBE FMedSci, Clinical Professor of Public Health, Health Data Science, Swansea University

Sara Mansfield, Parent and Early Years Educator

Professor Sir Michael Marmot FBA FMedSci, Professor of Epidemiology & Director of the Institute of Health Equity, University College London

Anna McDaid, Head of Policy and Public Affairs (Devolved Nations), Royal College of Paediatrics and Child Health

Professor Edward Melhuish, Emeritus Professor of Human Development, University of Oxford

Billie-Jo Morton, Nursery Manager, Barney Bears Nursery

Dr Raymond Nethercott, Consultant General Paediatrician, South West Acute Hospital, Enniskillen; Officer for Ireland, Royal College of Paediatrics and Child Health

Professor Craig Olsson, Senior Principal Research Fellow, Murdoch Children's Research Institute

Carey Oppenheim, Early Childhood Project Lead, Nuffield Foundation

Richard Owen, Deputy Director, Children and Young People Transformation Programme, NHS England

Dr Heather Payne, Consultant Paediatrician, NHS Wales; Senior Medical Officer, Welsh Government

Professor Jugnoo Rahi FMedSci, Professor of Ophthalmic Epidemiology, Great Ormond Street Institute of Child Health, University College London; Honorary Consultant Ophthalmologist, Great Ormond Street Hospital

Professor Paul Ramchandani, LEGO Professor of Play in Education, Development and Learning, University of Cambridge

Professor Kausik Ray FMedSci, Professor of Public Health & Director for the Imperial Centre for Cardiovascular Disease Prevention, Imperial College London

Professor Dame Lesley Regan, Professor of Obstetrics and Gynaecology, Imperial College London; Women's Health Ambassador, Department of Health and Social Care

Professor Rosalind Smyth CBE FMedSci, Professor of Child Health, University College London

Professor Sophie Staniszewska, Professor of Patient and Public Involvement and Experiences of Care, University of Warwick

Professor Alan Stein, Emeritus Professor of Child and Adolescent Psychiatry, University of Oxford

Dr Sarah Taylor, Deputy Director of Research, Children's Commissioner for England

Professor David Taylor-Robinson, W.H. Duncan Chair in Health Inequalities, Professor of Public Health and Policy, University of Liverpool; Honorary Consultant in Child Public Health, Alder Hey Children's Hospital

Harriet Waldegrave, Head of Families and Children's Social Care, Children's Commissioner for England

Pauline Walmsley, Chief Executive Officer, Early Years

Dr Andrew Wilfin, Senior Country Medical Director for UK and Ireland, Vertex Pharmaceuticals

Linda Vittone, Associate Medical Director (Ireland & Northern Ireland), Vertex Pharmaceuticals

Carolyn Wilson, Unit Head, Supporting Maternal and Child Wellbeing, Scottish Government
Professor John Wright, Director, Bradford Institute for Health Research

We are grateful to two other lived experience experts, who did not wish to be named on the report, for their input.

Public engagement

To hear from those with lived experience as parents and grandparents, two public dialogue workshops were held to get a better sense of people's interest in – and understanding of – health, research, and care for zero- to five-year-olds. These were held in collaboration with The Liminal Space and included:

- A workshop with parents and grandparents of children aged over five years on 14 March 2023.
- A workshop with parents of children aged zero- to five-years old on 15 March 2023.

As noted above, we also engaged with a small number of public contributors through interviews with eight individuals with varied lived experience as parents and carers. Two experts by experience were also involved on the project steering group and the report was independently reviewed by two further experts by experience.

We would like to thank the team at The Liminal Space for their work on the public engagement workshops, with special thanks to all the public contributors for sharing their personal experiences and views.

Review of the economic literature

To investigate the economic impact of making interventions in the early years that seek to improve child mental and physical health, the Academy commissioned York Health Economics Consortium to deliver a targeted review of economic evaluations of interventions during pregnancy and in children up to five years old that aim to improve the mental and physical health of the child in the short and long term. This [review](#) is available on the Academy's website.¹ We are grateful to **James Mahon** (Senior Associate Consultant), **Chris Bartlett** (Senior Research Consultant), **Anne Littlewood** (Information Specialist), **Rachael McCool** (Associate Director) and **Kaz Bartlett** (Research Assistant) at York Health Economics Consortium for delivering this project.

¹ York Health Economics Consortium (2024). *Targeted Review of the Economic Impact of Interventions that Aim to Improve Child Mental and Physical Health*. <https://acmedsci.ac.uk/child-health-yhec-literature-review>