

21/02/2024

Public Data in Scotland for Public Good

Our values

Integrity

Transparency

Courage

Collaboration

Humility

Our contribution to Public Good

Work that can **improve society** by filling gaps of knowledge – generating **evidence** allowing policymakers and others to build a picture through analysis.



The power of cross- sectoral data linkage in Scotland's safe havens

Co-occurring homelessness, justice involvement, opioid dependence and psychosis: a cross- sectoral data linkage study for Glasgow City

Co-occurring homelessness, justice involvement, opioid dependence and psychosis

- Glasgow City population register
- HL1 statutory homelessness support
- PR2 received into prisons
- Criminal justice social worker report
- Prescribing
- Glasgow Psychosis Clinical Information System

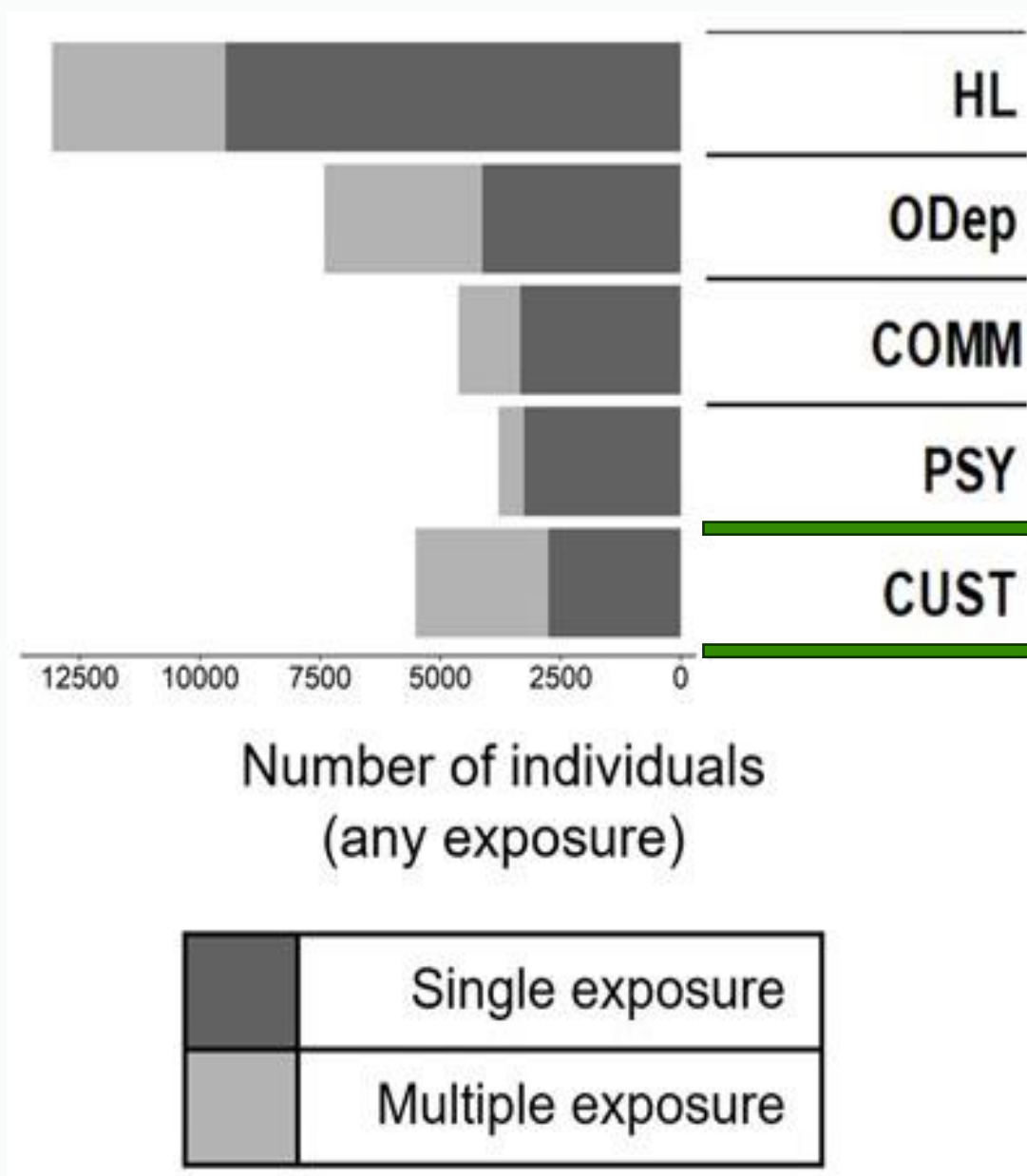


Co-occurring homelessness, justice involvement, opioid dependence and psychosis

536, 653 individuals

28,112 individuals with experiences identified





Timely given initiative to expand Housing First services; new models of joint working to address internationally high rates of drug-related deaths; and concerns about through care support in prisons.



Inequalities in children's mental health care: Prescribing and Referrals to Secondary Care in Grampian

Inequalities in children's mental health care

- Grampian Population Register
- Hospital records - Inpatient, Outpatient, Mental Health
- Deaths
- Community Prescribing
- CAMHS
- Psychological Therapies
- Aberdeen City Council Child Protection Register (phase 2)



Inequalities in children's mental health care

18,732 children

178,657 mental health prescriptions

21,732 referrals to specialist outpatient care

Ball, William, et al (2023). Inequalities in children's mental health care: analysis of routinely collected data on prescribing and referrals to secondary care. *BMC Psychiatry* 23(1) 22. 10.1186/s12888-022-04438-5.



The static size of the population accepted for specialist treatment amid greater demand post Covid-19, and the changing demographics of those accepted, indicate clinical prioritisation and unmet need.

Inequalities in children's mental health care: At-risk children in Aberdeen City

1,498 children subject to a child protection plan (2012-2022)

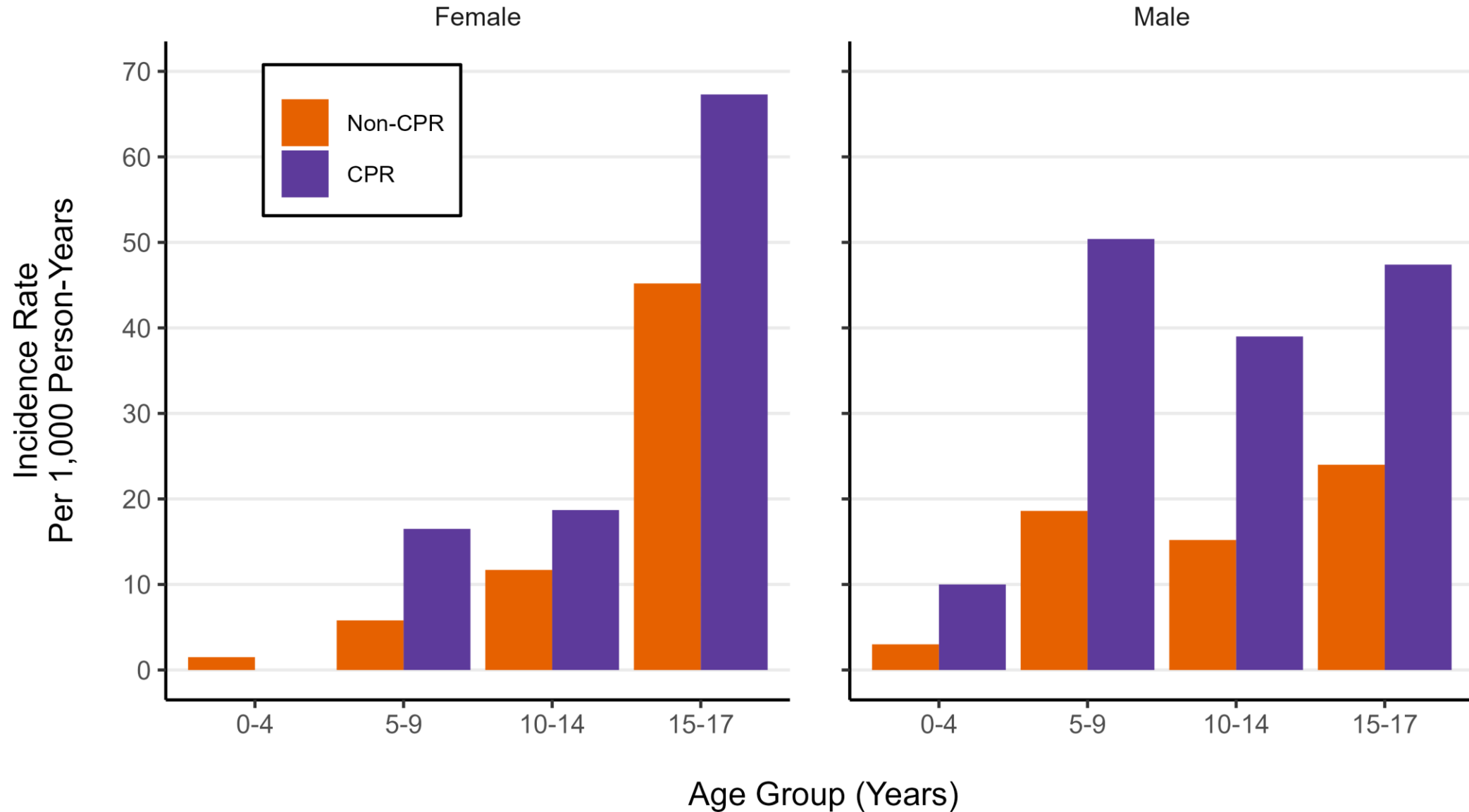
1,719 registrations

69% of children on CPR were CHI-matched

Ball, William, et al (2023). Serious mental health diagnoses in children on the Child Protection Register: a record linkage study. *medRxiv* 2023.10.13.23296488; doi: <https://doi.org/10.1101/2023.10.13.23296488>



Inequalities in any Mental Health Prescriptions



Children identified as being at significant risk of harm and involved with child protection services are at greater risk of seeking or receiving professional mental health support than their peers.

reality

The ~~power~~ of cross-
sectoral data linkage
in Scotland's safe
havens

The reality of just accessing data

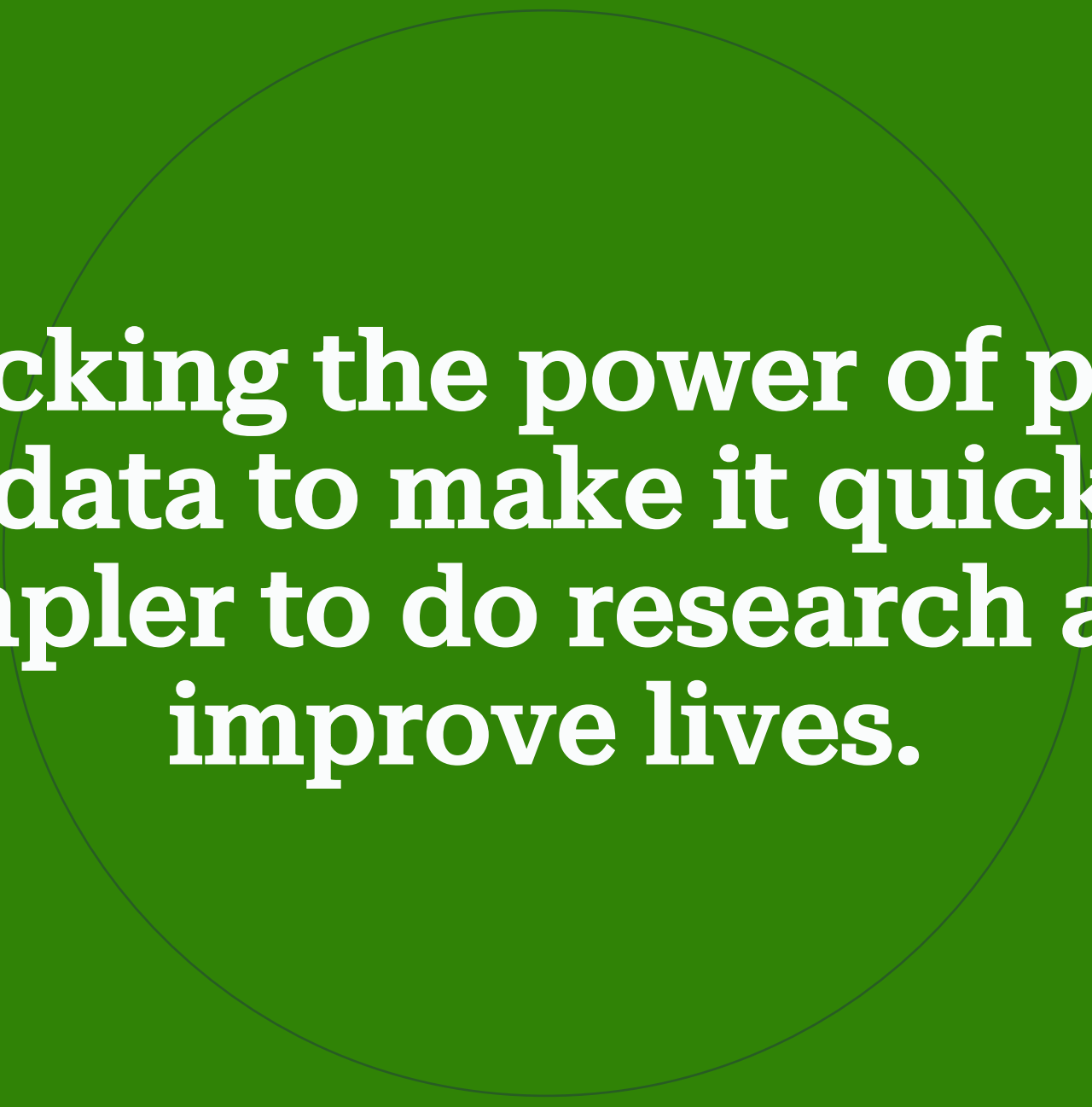
Inequalities in children's
mental health

2 applications and 3 years

Co-occurring
homelessness, justice
involvement, opioid
dependence and psychosis

4 applications and 3 years





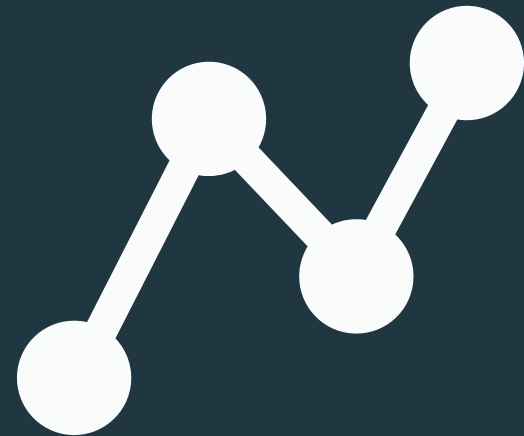
**Unlocking the power of public
sector data to make it quicker and
simpler to do research and
improve lives.**

What we're working on

Systems



Data



Systems



Scottish Safe Havens Steering Group

Developing the potential for federalised data held by national and regional safe havens

- A forum to discuss cross-safe haven collaboration
- Improvement opportunities including information governance
- Review of the Safe Havens Charter
- Commercial access to public sector data
- RDS Systems Development Fund
- Funding opportunities
- Public Engagement and Communications

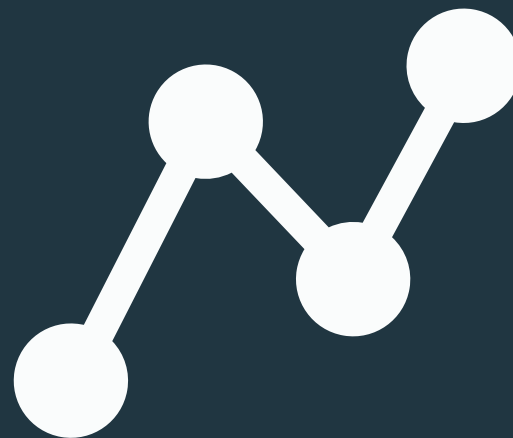
Members include:



Grampian Data Safe Haven
University of Aberdeen - NHS Grampian



Data



Researcher Access Service

The backbone of our services:

- Fully digital, task-based management of the end-to-end applications and approvals process
- Real-time direct notifications to researchers
- Multi-partner data curation workflow
- Integrating existing technology and third-party services, including researcher authentication and costings



Transparent and Strategic Data Sourcing

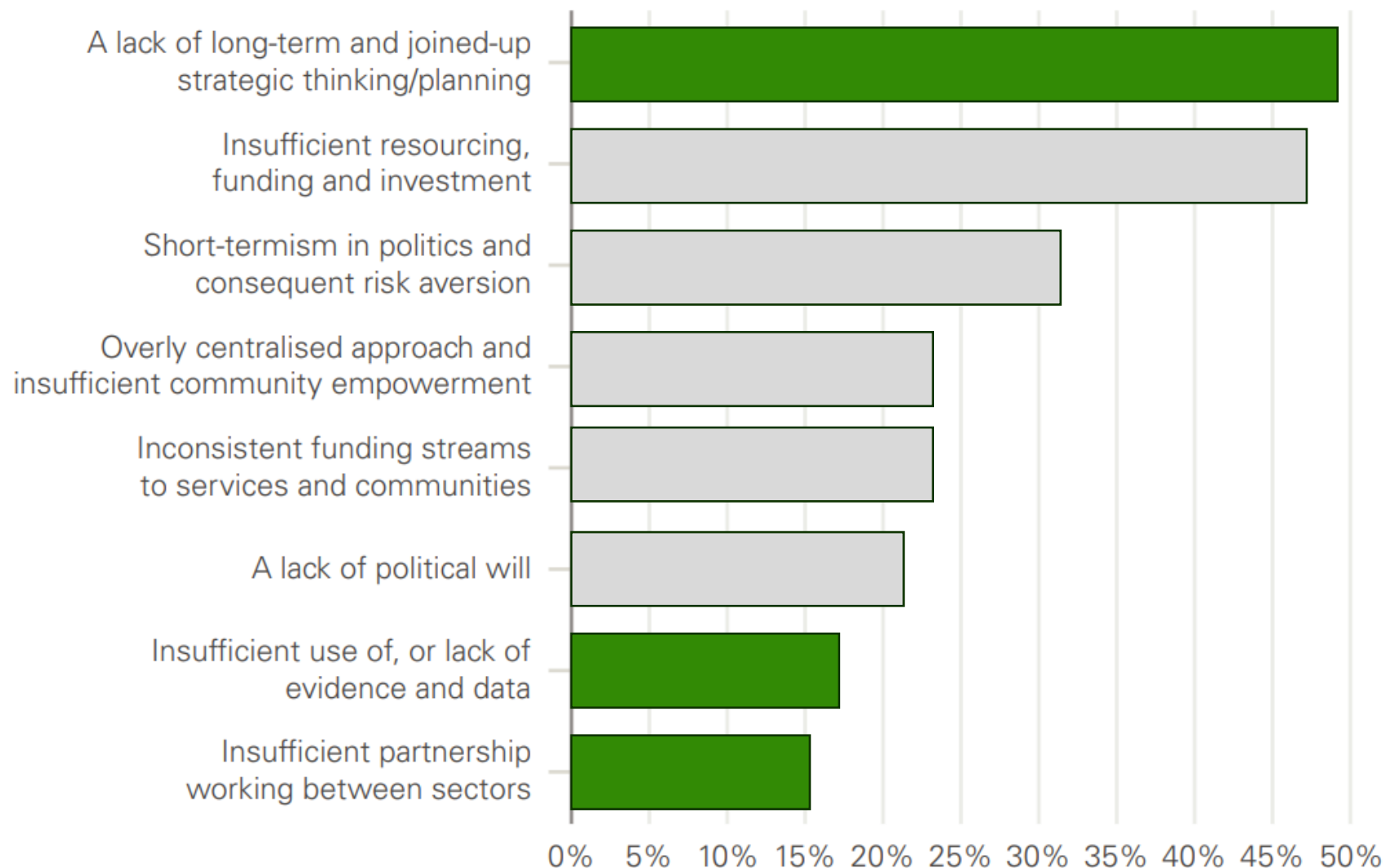
Leading on a consistent data sourcing strategy for all partners.

- A public facing framework to ensure data sourcing always reflects our values
- An objective priority score measuring multiple domains of datasets including policy relevance, data controller readiness, and researcher demand



Figure 13: Most cited barriers to greater policy progress

Proportion of respondents deeming each item a top barrier to greater progress



Source: Diffley Partnership, stakeholder survey

Notes: Question asked, 'Which of the following would you say are the biggest barriers to making progress on reducing health inequalities in Scotland?' (Select up to 3); only categories receiving more than 15% shown

At the heart of Scotland's research data ecosystem



Scottish Government



Academia



International policymaking

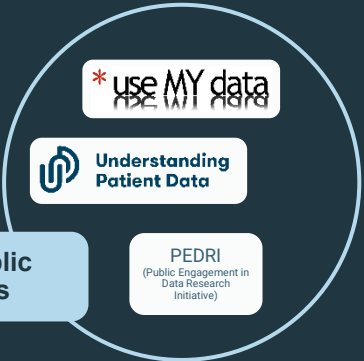


UK research and policymaking

Administrative research



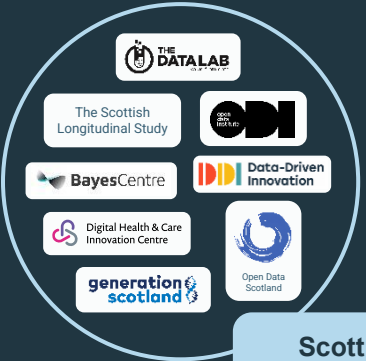
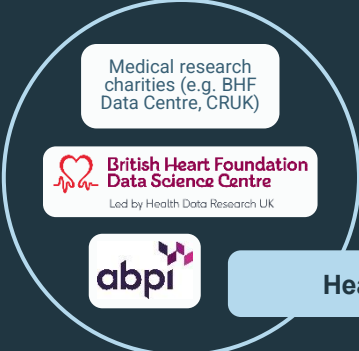
Data advocacy & public engagement groups



Safe Havens / TREs



Health



Scottish data organisations

UK research and policymaking

Get in Touch

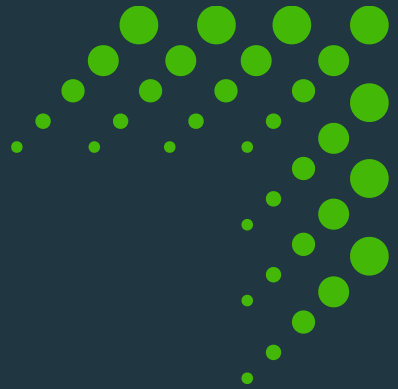
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www.researchdata.scot

Inform and shape our work, our projects, and ensure data is used for public good

<https://bit.ly/RDS-get-involved>





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