

Overview: Enhanced Health Data Research Gateway

Damon Chow



What is the Gateway?

- **No raw patient data**
- Standardised descriptions, inc. population size, geographical coverage, access request process etc.
- Advanced **'cohort discovery'** search across a subset of datasets against **specific criteria**



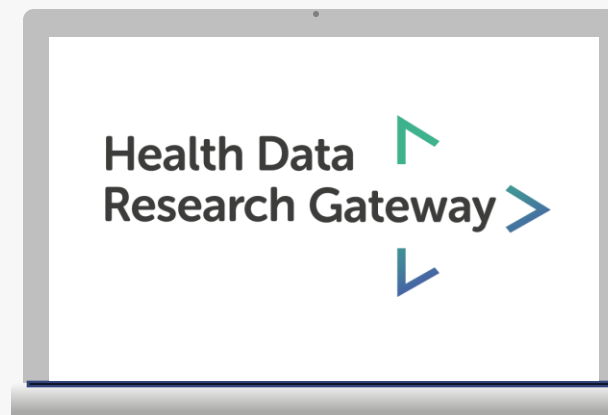
900+ metadata descriptions



Advanced search

Helping to make data *findable*:

- + **Help decision making** on whether a dataset could be useful to a particular research project/study.
- + **Saves time by minimising** questions.



Health Data Research Gateway

Variety of dataset descriptions:

- Cohort study data
- Primary care data
- Secondary care data
- Specific health/disease type e.g. Cancer, Mental Health
- Registry data
- Lifestyle data
- Socioeconomic data
- Etc.

Common entry point for discovery and access to health data resources

What is the Gateway? – Data Access

Helping to make data *accessible*:

- + Centralised space for communications between researchers and data custodians.
- + Helps **streamline the journey** from data discovery to access.



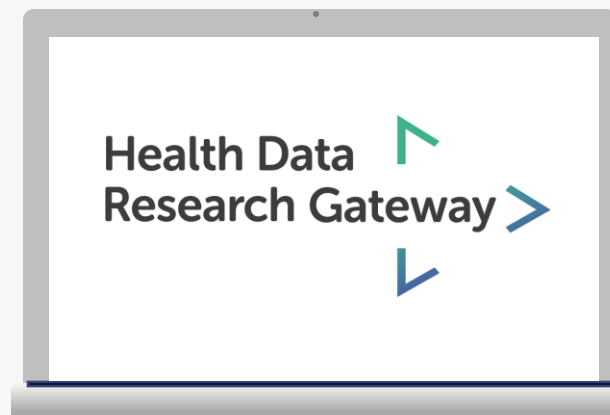
900+ metadata descriptions



Data Access Requests



Advanced search

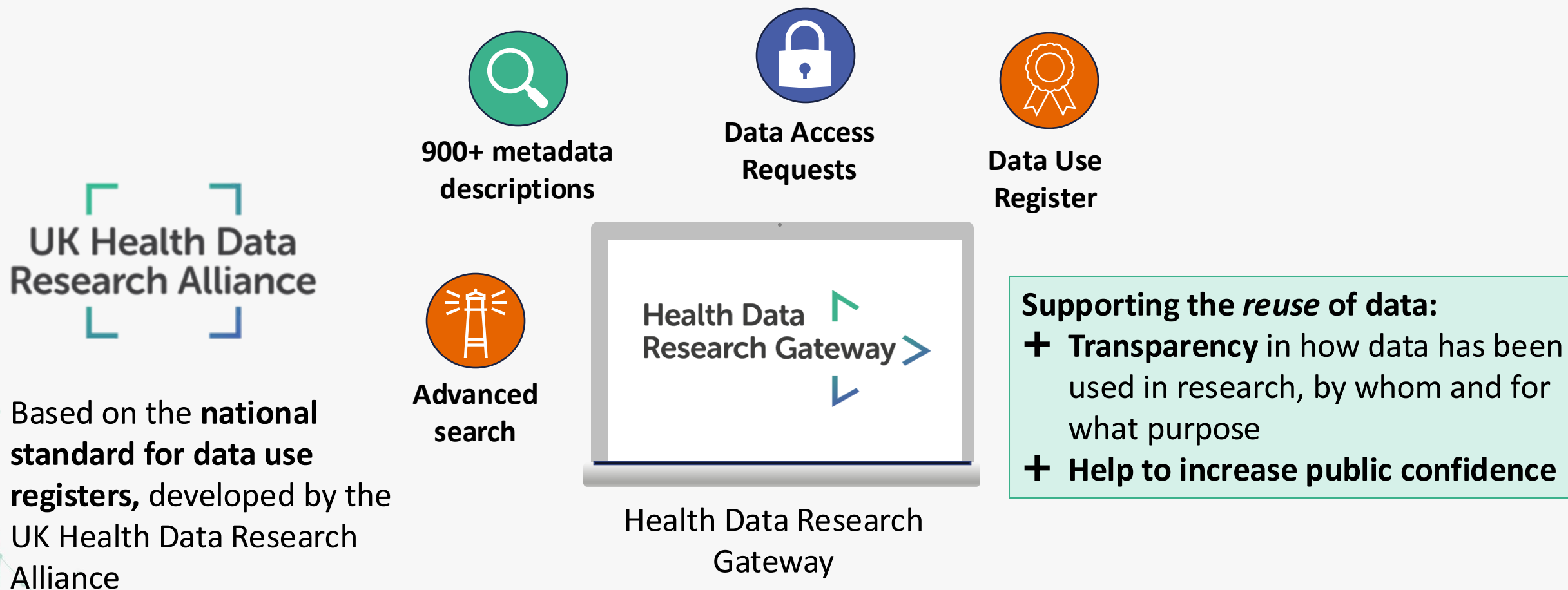


Health Data Research Gateway

- Submit enquiries/requests to data custodians
- Aligned to the Five Safes Framework
- Data access processes and decision making remain with the data custodian
- Access to data provided outside of the Gateway

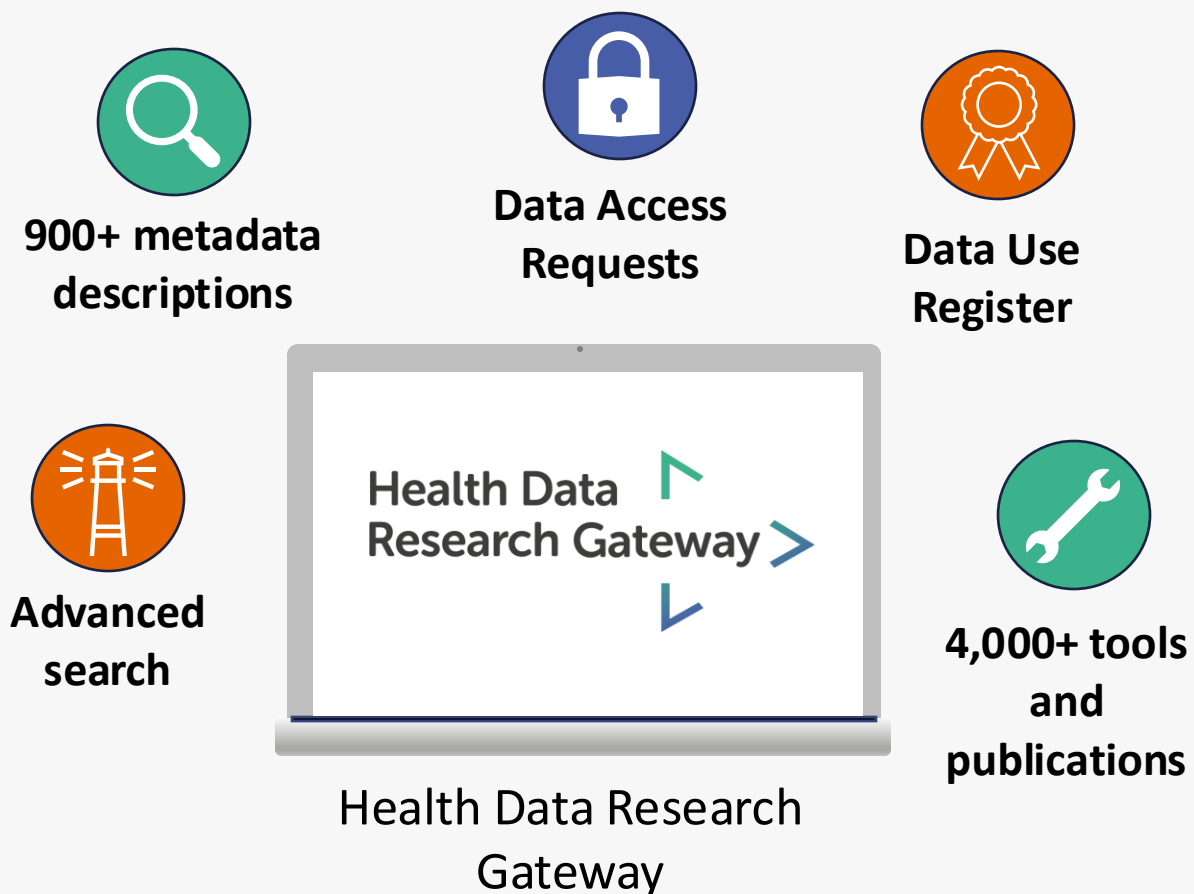
Common entry point for discovery and access to health data resources

What is the Gateway? – Data Use Register



Common entry point for discovery and access to health data resources

What is the Gateway? – Analysis Scripts/Tools and Publications

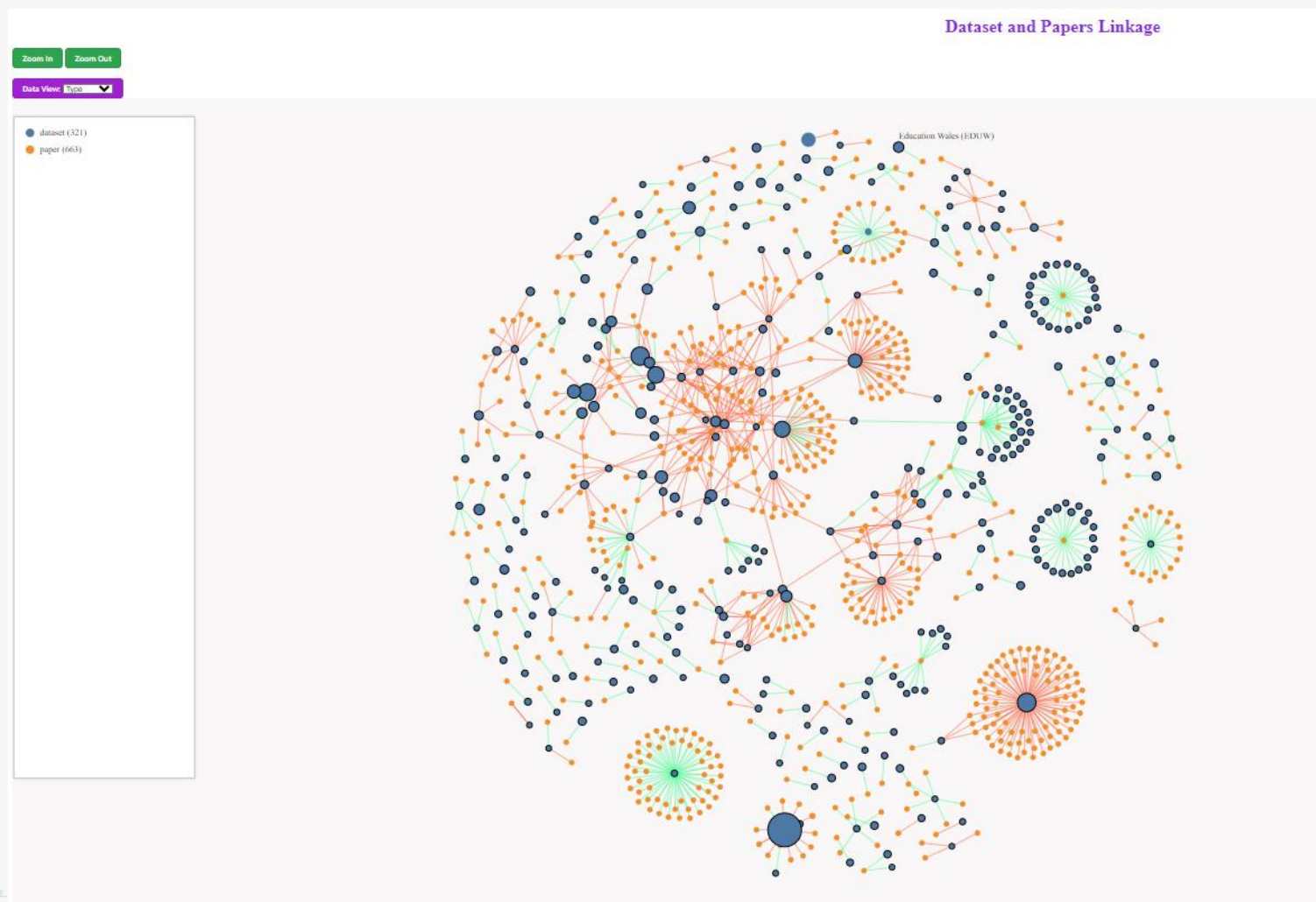


Supporting *interoperability*:

- + Resources **related** to datasets, e.g. papers for outputs sharing, or links to software used for data analysis.
- + Helping to support **other areas** of the research journey.

Common entry point for discovery and access to health data resources

Example of Dataset – Publication Linkages



Enhancing the Gateway



900+ metadata descriptions



Data Access Requests



Data Use Register



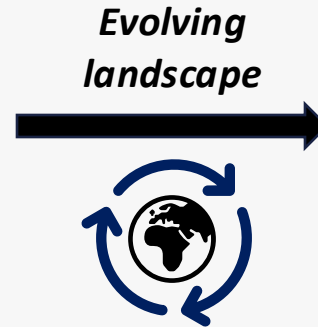
Advanced search



Health Data Research
Innovation Gateway
2020-October 2024



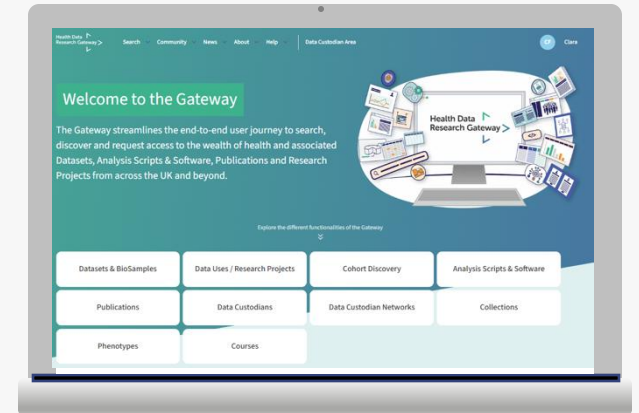
4,000+ tools and publications



Solution
Appraisals on 48+ existing solutions

50+ User Workshops

Requirements



*'Enhanced' Gateway – Launched:
November 2024*

Enabling data discovery and access

Supporting the full research journey

Live Demo

[Health Data Research Gateway](#)



Where to find support

- 'Need Support?' button on any Gateway page - Gateway service desk
- Gateway@hdruk.ac.uk
- Data Custodian/User Support Centre

