

Data Integration – ambition and pitfalls

Sarah Henry

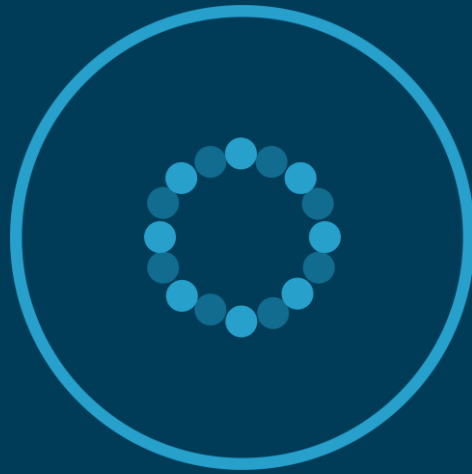
Director Methods. Data. Research.

Sarah.henry@ons.gov.uk

Statistics for the public good



Radical



Inclusive



Ambitious



Sustainable



Our Mission

**High quality data and analysis
to inform the UK, improve lives
and build the future.**

UK STATISTICS AUTHORITY

Answer critical research questions
and inform public decisions.
Anticipate required data and
respond rapidly.

- Covid19:
Infection survey
Hospital data
GP data
Deaths
Test and Trace
Opinions survey
Census

To do this... Data needs to be integrated...

- Data arrived from many sources
- ...In many formats
- We need the right linkage methods, and the right tech
- <https://www.gov.uk/government/publications/joined-up-data-in-government-the-future-of-data-linking-methods>

Watch out for:

- Data quality
- Linkage variables
- Privacy and security
- Dark Data