



UK Outbreak data analysis platform

EMBARGO AREA

Curated data accessible to all contributors under strict publication embargo

RESEARCH DATA:

- ISARIC4C TIER 0/1/2 hospitalised (2,505):
  - host whole genome seq
  - serial: multiomics
  - serology
  - viral load
- PHOSP clinical follow-up: (1,075)
  - host microarray genotype
  - serial: multiomics
  - serology
- COG-UK Viral whole genome seq (550,000)
- GenOMICC Host whole genome (18,111)
- UK-CIC immunology

LINKED DATA:

- Summary (non-disclosive) clinical data

NON-EMBARGO AREA

Curated data accessible to approved bona fide researchers for academic/commercial use

All data released by investigators at or before publication

Supervised exports of non-disclosive data

All data released by investigators at or before publication

LINKED RESEARCH DATA:

- ISARIC4C TIER 0 (CO-CIN) (298,836)
- ISARIC4C TIER 1/2 Multi-omics (2,505)
- PHOSP clinical follow-up (1,075)
- PHOSP TIER 1/2 multiomics
- COG-UK Viral variant data (21,230)
- GenOMICC Host variant data (18,111)
- UK-CIC immunology

LINKED DATA (available):

- NHS Digital England &Wales In/outpatient
- NHS Scotland (SMR00/01) In/outpatient
- Death records (Scotland)
- Critical care audit (SICSAG)

LINKED DATA (planned):

- Critical care audit (ICNARC)
- NHS England&Wales Inpatient/Outpatient
- National immunisation database (NIMS)
- Pillar 1/2 testing

API

Encrypted identifier  
Nondisclosive data

- UK Health Security Agency
- Public Health England
- Public Health Scotland
- Public Health Wales
- Public Health Nothern Ireland
- Office for National Statistics
- NHS Digital / OpenSafely
- Other TREs

FLEXIBLE COMPUTE SPACE  
Flexible high-performance compute area for pseudonymised data with explicit consent

TRUSTED RESEARCH ENVIRONMENT  
Safe haven research space for analysis of pseudonymised data without consent

- Public Health England
- Public Health Scotland
- Public Health Wales
- Public Health NI

Automated feed of viral genome data for clinical linkage

CLIMB COVID

- UK PHA
- UK academic institutions
- NHS
- Wellcome Sanger Institute

automated pipelines

COG-UK Viral whole genome seq (550,000)

- variant calling
- viral evolution
- phylogeny

automated deposit in open-access public databases

- UK Health Security Agency
- Public Health England
- Public Health Scotland
- Public Health Wales
- Public Health Nothern Ireland
- International public databases
  - GISAID
  - ENA/INSDC