UK Outbreak data analysis platform

EMBARGO AREA Curated data accessible to all contributors **RESEARCH DATA:** ISARIC4C TIER 0/1/2 hospitalised (2,914):

under strict publication embargo

host whole genome seq

multiomics serial:

serology

viral load

PHOSP clinical follow-up: (1,075)

host microarray genotype

serology

multiomics serial:

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

GenOMICC Host whole genome (19,471)

UK-CIC immunology

LINKED DATA:

Summary (non-disclosive) clinical data

Supervised exports of nondisclosive data

LINKED RESEARCH DATA:

ISARIC4C TIER 0 (CO-CIN) (303,251)

ISARIC4C TIER 1/2 Multi-omics (2,914)

PHOSP clinical follow-up (1,075)

PHOSP TIER 1/2 multiomics

COG-UK Viral variant data (21,230)

GenOMICC Host variant data (19,471)

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

NON-EMBARGO AREA

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

All data released by investigators at or before publication



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

Encrypted identifier

Nondisclosive data

Supervised exports of nondisclosive data

All data released by investigators at or before publication



Public Health

Automated feed of viral genome data for clinical linkage

Public Health

England

Public Health Scotland

Public Health Wales

CLIMB COVID

automated

pipelines

variant calling viral evolution

phylogeny

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

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

Safe pseu

UK PHA

NHS

UK academic instituions

Wellcome Sanger Institute