UK Outbreak data analysis platform

Curated data accessible to all contributors

ISARIC4C TIER 0/1/2 hospitalised (2,914):

serial:

serial:

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

GenOMICC Host whole genome (19,461)

Summary (non-disclosive) clinical data

Supervised

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

PHOSP clinical follow-up (1,075)

COG-UK Viral variant data (21,230)

GenOMICC Host variant data (19,461)

NHS Digital England &Wales In/outpatient

NHS Scotland (SMR00/01) In/outpatient

NHS England&Wales Inpatient/Outpatient

National immunisation database (NIMS)

PHOSP TIER 1/2 multiomics

LINKED DATA (available):

Death records (Scotland)

LINKED DATA (planned):

Critical care audit (ICNARC)

Critical care audit (SICSAG)

UK-CIC immunology

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

LINKED RESEARCH DATA:

exports of non-

disclosive data

UK-CIC immunology

host whole genome seq

multiomics

serology

viral load

host microarray genotype

serology

multiomics

under strict publication embargo

PHOSP clinical follow-up: (1,075)

RESEARCH DATA: LINKED DATA:

Safe pseu

EMBARGO AREA NON-EMBARGO AREA

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

All data released by investigators at or before publication

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

Supervised exports of nondisclosive data

All data released by investigators at or before publication

Public Health England

Pillar 1/2 testing

Public Health Scotland **Public** Health Wales

Public Health

Automated feed of viral genome data for clinical linkage

UK academic instituions NHS

Wellcome Sanger Institute

UK PHA

pipelines

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

viral evolution

variant calling

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

CLIMB COVID

automated