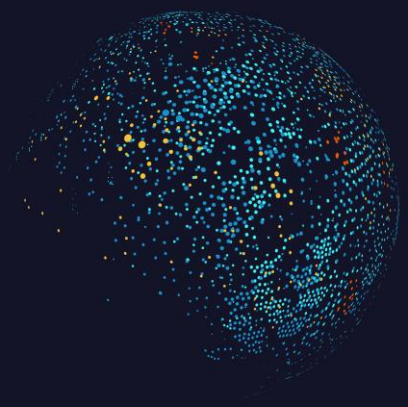
Work with us

Epidemiological Parameters Community of Practice



The EpiParameter community is a global collaborative working group coordinated by the World Health Organization (WHO), with the aim of developing a Global Repository of Epidemiological Parameters (GREP).

This repository is intended to be accessible by modelers, epidemiologists, subject matter experts and decision makers, to inform mathematical models and other epidemiological analyses and, by extension, public health preparedness and response.

Collaboratory

The team at WHO are currently in the process of developing the Global Repository of Epidemiological Parameters (GREP) minimum viable product. Planned for release in Quarter 1 2025, you can join the discussion via the link below.

Other ways you can support this initiative include:

- If you have a study or parameter estimate for Mpox that you would like to include in the parameter repository, please email us at Collaboratory@who.int
- If you would like to be involved in future meetings, discussions or general activities related to the EpiParameter community join the community via the link below.

Join the Collaboratory

IMPERIAL

Pathogen Epidemiology Review Group

PERG are undertaking a series of systematic literature reviews with an accompanying R package, epireview, for nine pathogens identified by the WHO as most likely to cause a future epidemic or pandemic. The aim is to create a central standardised database of epidemiological parameters to aid in the design and implementation of modelling, initially focusing on these nine WHO priority pathogens, but with a possibility to later further expand.

PERG is also responsible for the R package {epireview} which can be found on Github.

Learn more about PERG

Epiverse

powered by data.org

Epiverse-TRACE is one of the pillars of the wider Epiverse project and is a suite of innovative software and tools for global infectious disease analysis and response. From reading and cleaning your data to estimating vaccine efficacy and policy impact, Epiverse-TRACE provides robust tools so you can focus on the results.

Epiverse-TRACE is also responsible for the R package {epiparameter} which can be found on Github.

Learn more about Epiverse