

The EPIC Data Repository: A resource for animal health and demographic research in Great Britain



epicscotland.org

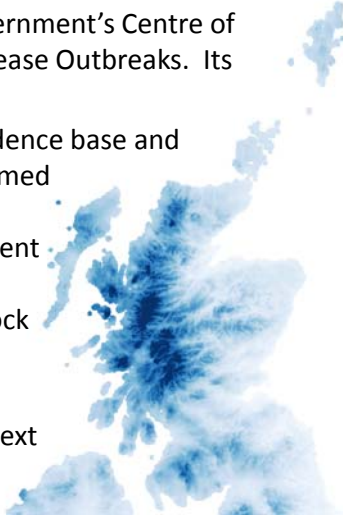
The EPIC Data Team

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About EPIC

EPIC is the Scottish Government's Centre of Expertise on Animal Disease Outbreaks. Its aims are the following:

- To provide an evidence base and scientifically informed advice to support Scottish Government policy regarding diseases of livestock and poultry
- To best prepare Scotland for the next major disease incursion



The EPIC Data Repository

The EPIC Data Repository is intended to provide a comprehensive database of information relevant to the investigation of the spread and control of animal disease in Scotland and in the rest of Great Britain:

- Farm and livestock demographics
- Livestock movements
- Disease incidence and prevalence
- Environmental factors
- Commercial activities

This information is applicable both in the event of an animal disease emergency as well as for ongoing preparedness planning and research in "peace time"

The need to understand and the ability to characterise the population at risk underpins all epidemiologic investigations. Access to well curated demographic information is critical.

The EPIC Data Team

The EPIC Data Team is responsible for centralising commonly used animal demographic and health data resources and providing a mechanism for access:

- Cultivate and maintain relationships with key data providers
- Collect, aggregate, and curate relevant information from a variety of sources
- Develop and provide documentation for data users
- Serve as knowledgeable, critical collaborators in partnership with other researchers
- Promote appropriate, secure use of data



This approach minimizes duplication of effort, establishes consistency, and promotes reliability.

By arrangement with EPIC and our data providers, other researchers may make use of the EPIC Data Repository. For further information, contact the EPIC Data Team.

Repository Contents & Data Providers

Partial contents of the EPIC Data Repository include:

Data type	Provider
Annual agricultural censuses for Scotland, England, and Wales	Scottish Government, Animal and Plant Health Agency (APHA)
Cattle movement data for Great Britain (Cattle Tracing System, ScotMoves)	British Cattle Movement Service, APHA, ScotEID
Movements of sheep and pigs in Scotland, England, and Wales	APHA, ScotEID
Agricultural holdings from the Scottish Integrated Administration and Control System (IACS)	Scottish Government
Registered pig keepers and poultry holdings in Great Britain	APHA
Bovine viral diarrhoea (BVD) testing data for Scottish farms	ScotEID
Spatial environmental, geographic, and climate data	Centre for Ecology and Hydrology, The Met Office
Spatial data representing vector and wildlife populations	Centre for Ecology and Hydrology, James Hutton Institute



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