

Animals used in Pirbright research

Pirbright scientists carried out **2,230 REGULATED PROCEDURES** involving animals under a Home Office licence in 2019.

We aim to prevent and control viral diseases of livestock and those that spread from animals to people. We do this by carrying out fundamental and applied research that leads to the development of new vaccines and treatments, protecting animal and human health and the economy.



The proportionate use of animals are integral to the development of new viral disease control methods. The impact of some of these viruses can be seen below.

Bluetongue outbreaks in Europe have killed more than **1.8 MILLION** animals since 1998.
(Shaw et al., 2007)

More than **7 MILLION** pigs died worldwide in 2019 due to African swine fever.
(OIE)

Estimates for the number of animals infected with foot-and-mouth disease each year range between **55 - 160 MILLION**.
(Knight-Jones and Rushton, 2013)

Over **122 MILLION** deaths of domestic poultry have been recorded worldwide since 2013 and more than 1,000 deaths of people since 2003 caused by avian influenza.
(OIE, WHO H5N1, FAO H7N9)

At Pirbright animal welfare is always our priority. We ensure animal care follows the requirements of the Code of Practice for the Housing and Care of Animals Bred, Supplied or Used for Scientific Purposes and strive to adopt even higher standards where practicable and applicable.