

Animals used in Pirbright research

2020

We aim to prevent and control viral diseases of livestock and those that spread from animals to people 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 is integral to the development of new viral disease control methods. The impact of some of these viruses can be seen below.

There have been more than **184 MILLION** cases and over **3.9 MILLION DEATHS** worldwide caused by SARS-CoV-2 coronavirus

*(Johns Hopkins University)
[as of 6 July 2021]*

More than **7 MILLION PIGS HAVE DIED** in China and South East Asia 2018-20 due to African swine fever.

(FAO)

122 MILLION DEATHS OF DOMESTIC POULTRY worldwide since 2013 and more than **1,000 DEATHS OF PEOPLE** since 2003 caused by avian influenza

(OIE, WHO H5N1, FAO H7N9)

32 MILLION LIVESTOCK ANIMALS are affected by foot-and-mouth disease per year

(Knight-Jones and Rushton, 2013)

Pirbright scientists carried out **1110 REGULATED PROCEDURES** involving animals under a Home Office project licence during 2020

814
DOMESTIC FOWL



165
PIGS



97
CATTLE



20
MICE



14
GOATS

THE 
Pirbright
INSTITUTE

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 Procedures and strive to adopt higher standards where practicable and applicable.

