



THE USE OF ANIMALS IN RESEARCH AND TESTING

Around the world it is estimated

+100 million animals*

are used in experiments every year

*estimate of 192m in 2015 (Taylor & Alvarez, 2015)

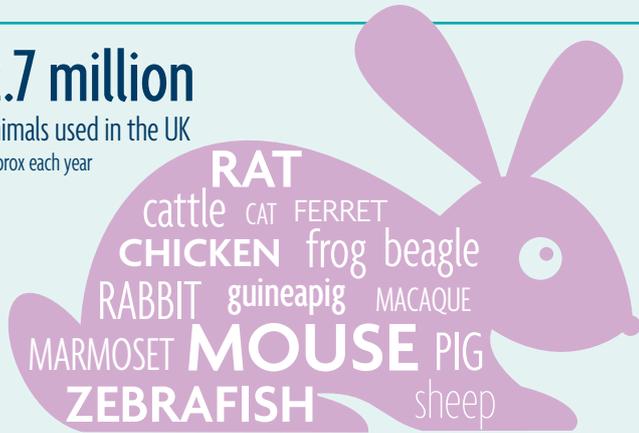


Attitudes towards animals, and the legislation in place regarding their use and welfare, can differ widely between countries

Countries vary in whether, and how, they count and report animal experiments. Some significant users (e.g Russia, India, Brazil) provide little or no information

2.7 million

animals used in the UK approx each year



creation and breeding of genetically altered animals

45%

Procedures

experiments

55%

Procedures

The majority of GA animals are mice and zebrafish

Percentage of animal research and testing undertaken in the UK

UNIVERSITIES AND MEDICAL SCHOOLS

50%

INDUSTRY

25%

OTHER

25%

3Rs and ethics

REPLACEMENT

using humane methods which avoid or replace the use of animals

REDUCTION

minimising the numbers of animals used

REFINEMENT

improving experiments, housing and care to reduce suffering throughout animals' lives

24 Home Office Inspectors

(FTEs) evaluating licence applications and inspecting UK labs



3 Licences

are needed from the UK Home Office

ESTABLISHMENT LICENCES

139

PERSONAL LICENCES

14,402

PROJECT LICENCES

2,913

Breeding and transport

Housing, handling, humane killing

Experimental procedures and their effects

SOURCES OF POTENTIAL SUFFERING

*MILD 46.2%

*MODERATE 26.6%

*SEVERE 3.6%

Each project proposal must undergo a harm-benefit analysis

