### The Use of Animals in Research and Testing

#### Global Animal Use

Around the world, it is estimated that over 100 million animals are used in experiments every year. Notably:

- **Australia**: c. 6.7 million
- **Japan**: c. 11 million
- **China**: c. 16 million
- **Canada**: 4.3 million
- **European Union**: 11.5 million
- **America**: c. 20 million
- **New Zealand**: 0.24 million
- **Russia and India, Brazil**: Poor reporting

#### Animal Types Used

- **Mice**
- **Zebrafish**
- **Cats**
- **Rats**
- **Guinea Pigs**
- **Pigs**
- **Cattle**
- **Sheep**
- **Chickens**
- **Macaques**
- **Rabbits**

#### Animal Research and Testing in the UK

- **4 million** animals used annually
- **50%** of animals used involve the creation and breeding of genetically altered animals
- **50%** of experiments involve animal testing

#### Sources of Potential Suffering

- **Mild**: 50%
- **Moderate**: 26%
- **Severe**: 5%

#### 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

#### UK License Requirements

- **15 Home Office Inspectors (FTEs)** evaluate licence applications and inspect UK labs
- **3 Licences** are needed: Establishment, Personal, and Project Licences
- **France**: 167
- **Personal Licences**: 16,178
- **Project Licences**: 2,631

#### Attitudes and Legislation

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.

#### Replacement

*The RSPCA is opposed to experiments which cause pain, suffering, distress or lasting harm. Replacement with humane alternatives is our principal goal, and we also work to minimise animal numbers and suffering and improve welfare. See: www.rspca.org.uk/laboratoryanimals*