

Statistics of scientific procedures on living animals, Great Britain

HMSO. - Scientific Procedures on Living Animals Great Britain

Species	Total Procedures	% of Total
Mice	3,038,167	73.3%
Fish	561,424	13.6%
Rats	268,522	6.5%
Birds	141,425	3.4%
Dogs	4,643	0.11%
Primates	3,612	0.09%
Cats	209	0.005%
Other rodents	25,372	0.6%
Other mammals	79,691	1.9%
Other animals	19,566	0.5%
Total	4,142,631	100%

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Description: -

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Notes: Continues: Statistics of experiments on living animals, Great Britain.

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Statistics of Scientific Procedures on Living Animals 2013: Experimentation continues to rise

Most surgical procedures carried out under general anaesthesia and with good post-operative analgesia i. This approach can improve patient outcomes, safety and quality of life as well as benefit their families and reduce healthcare costs to the NHS.

Statistics of Scientific Procedures on Living Animals 2013: Experimentation continues to rise

The remaining patients receive little clinical benefit and may experience significant morbidity. Indeed, if these animals were removed from the statistics, the number of procedures would actually have declined by 4%. Here are some annual figures of treatment used that were developed through animal research.

Numbers and types of animals

Facts and figures Once a year, the Home Office releases the statistics on the that have been completed during the previous year and the severity of those procedures The number of procedures carried out as part of research programmes in MRC-owned establishments reported to the Home Office in 2019 was 241,577. Northern Ireland conducts the remaining 0. Invertebrates such as fruit flies and nematode worms are widely used by researchers but are not covered by the Animals Scientific Procedures Act and are thus not included.

UK releases 2019 animal use statistics

Chemotherapy research project The FAL is currently collaborating with the HBRC at the University of Birmingham on a project looking at genetic markers for predicting the success of neoadjuvant chemotherapy NAC in breast cancer patients. Breeding of genetically altered animals accounted for 49% of all procedures carried out.

Facts and figures

Here are some annual figures of treatment used that were developed through animal research. Finally, it is worth remembering the huge benefits

brought about by animal research. Despite the wide implementation of the screening programme, around 20% of patients still present with large and locally advanced breast cancer LLABC which has a 5-year survival rate of 50-60%.

UK releases 2019 animal use statistics

The last few years have seen the number of Genetically Altered animals mainly GA mice being bred rising as a proportion of all studies; this accounts for 49. Rather than just submitting licence proposals to the Home Office that include estimated levels of suffering, the researchers now have to report on what was actually seen using a variety of measures. The breeding of GA animals increased to over half 51% of all the procedures, and GA animals were involved in 61% of all the procedures.

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