

**Summary of the Home Office statistics of scientific procedures
on living animals started in 2009 in Britain**

	NUMBERS 08	NUMBERS 09	CHANGE SINCE 2008	
Total number of procedures on animals in Britain	3,656,080	3,619,540	-1.0%	-36,540
Total number of individual animals used in Britain	3,583,223	3,541,252	-1.2%	-41,971
Procedures conducted without anaesthetic (67% of total)	2,377,791	2,413,845	1.5%	36,054
Procedures using GM animals (52% of total)	1,335,560	1,513,998	13.4%	178,438
Procedures using animals with a harmful genetic defect	425,639	382,939	-10.0%	-42,700
Procedures in education and training	2,644	2,391	-9.6%	-253
Fundamental research (32% of all procedures)	1,170,662	1,174,292	0.3%	3,630
Production of monoclonal antibodies	4,000	2,460	-38.5%	-1,540
Number of licensed research projects	2,652	2,486	-6.3%	-166
SPECIES				
Procedures on mice (73% of total)	2,418,604	2,628,556	8.7%	209,952
Number of mice	2,407,982	2,618,674	8.7%	210,692
Procedures on rats	355,370	333,865	-6.1%	-21,505
Number of rats	347,962	323,054	-7.2%	-24,908
Procedures on pigs	6,824	3,757	-44.9%	-3,067
Number of pigs	6,672	3,564	-46.6%	-3,108
Procedures on pigs Pharmaceuticals toxicity efficacy testing	948	743	-21.6%	-205
Procedures on pigs Pharmaceuticals toxicity total	2,002	1,846	-7.8%	-156
Procedures on amphibians	32,674	20,715	-36.6%	-11,959
Numbers of amphibians	24,786	12,859	-48.1%	-11,927
Procedures on fish	605,155	398,101	-34.2%	-207,054
Number of fish	604,743	397,464	-34.3%	-207,279
Procedures on cats	360	275	-23.6%	-85
Number of cats	176	172	-2.3%	-4
Procedures on guinea pigs	29,293	19,159	-34.6%	-10,134
Procedures on hamsters	3,298	3,157	-4.3%	-141
Procedures on rabbits	17,060	16,562	-2.9%	-498
Procedures horse, donkey and crossbred	9,365	8,747	-6.6%	-618
Procedures on sheep	35,820	38,003	6.1%	2,183
Procedures on dogs	6,105	5,923	-3.0%	-182
Number of dogs (4,089 beagles)	4,271	4,129	-3.3%	-142
Procedures in toxicity tests in dogs	5,166	5,051	-2.2%	-115
Procedures in safety testing in dogs	3,742	3,706	-1.0%	-36
Number of dogs in safety testing (toxicity) (3,744 beagles)	3,879	3,755	-3.2%	-124
Procedures in cardiovascular research in dogs	542	426	-21.4%	-116
Procedures pharmaceuticals R&D in dogs	704	713	1.3%	9
Procedures on primates	4,598	4,263	-7.3%	-335
Individual number of primates	3,354	2,815	-16.1%	-539
Procedures in safety/efficacy testing on primates (toxicity)	3,649	3,149	-13.7%	-500
Number of primates in safety/efficacy testing (toxicity)	3,043	2,122	-30.3%	-921
Procedures in pharmaceuticals R&D on primates (non-toxicity)	655	586	-10.5%	-69
Number of primates in pharmaceuticals R&D (non-toxicity)	234	266	13.7%	32
Procedures cardiovascular research in primates	143	115	-19.6%	-28
Procedures in nervous system in primates	192	160	-16.7%	-32