

2000 HOME OFFICE STATISTICS OF SCIENTIFIC PROCEDURES ON LIVING ANIMALS – Great Britain

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GENERAL			
CATEGORY	NUMBER	% Of Total	CHANGE SINCE 1999
Total procedures on animals	2,714,726		Up 2%
Total individual animals used	2,642,993		Up 3%
Fundamental biological research ⁱ	872,848	32%	Up 12%
Applied studies – human medicine or dentistry ⁱ	738,979	27%	Down 9%
Applied studies – veterinary ⁱ	190,747	7%	Up 15%
Breeding ⁱ	699,599	26%	Up 11%
Procedures without any anaesthetic	1,636,309	60%	Down 3%
Project licence holders	4,101		Down 8%
Home Office inspectors	17		Same

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INDIVIDUAL SPECIES				
	PROCEDURES		ANIMALS	
SPECIES	NUMBER	CHANGE SINCE 1999	NUMBER	CHANGE SINCE 1999
Mouse	1,606,962	Down 2%	1,605,722	Down 1%
Rat	534,973	Down 6%	524,168	Down 5%
Guinea-Pig	57,680	Down 7%	56,358	Down 8%
Hamster	7,655	Down 28%	7,275	Down 29%
Gerbil	3,951	Down 37%	3,951	Down 36%
Rabbit	39,683	Down 4%	27,389	Down 0.1%
Cat	1,813	Up 12%	613	Down 10%
Dog	7,632	Down 7%	4,745	Down 20%
Ferret	1,466	Up 31%	1,358	Up 22%
Other carnivore	714	Down 76%	663	Down 77%
Equid	9,272	Down 1%	452	Down 3%
Pig	8,355	Down 27%	8,326	Down 26%
Goat	350	Down 32%	325	Down 22%
Sheep	36,544	Up 1%	16,078	Up 11%
Cattle	7,889	Up 39%	6,801	Up 57%

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INDIVIDUAL SPECIES (cont)				
	PROCEDURES		ANIMALS	
SPECIES	NUMBER	CHANGE SINCE 1999	NUMBER	CHANGE SINCE 1999
Other mammal ⁱⁱ	457	Down 13%	457	Down 23%
New world monkey ⁱⁱⁱ	1,494	Down 3%	1,060	Down 1%
Old world monkey ^{iv}	2,196	Down 11%	1,891	Down 11%
Ape	0	Same	0	Same
Bird	124,209	Up 17%	120,505	Up 16%
Reptile	63	Up 97%	63	Up 97%
Amphibian	15,574	Up 7%	9,661	Up 4%
Fish	243,019	Up 98%	242,757	Up 98%
Octopus	0	Same	0	Same
<i>GM Animals</i>	581,740	Up 14%	not available	not available

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TOXICOLOGY - General				
	PROCEDURES		ANIMALS	
CATEGORY	NUMBER	CHANGE SINCE 1999	NUMBER	CHANGE SINCE 1999
Total	454,904	Down 16%	441,858	Down 16%
General safety / efficacy	131,509	Down 8%	131,400	Down 8%
Pharmaceutical safety / efficacy	274,691	Down 23%	262,098	Down 23%
Other purposes	48,704	Up 9%	48,360	Up 9%
Pollution	35,017	Up 8%	35,017	Up 8%
Agriculture	35,324	Down 26%	35,278	Down 27%
Industry	53,919	Down 6%	53,857	Down 6%
Household	1,242	Up 264%	1,242	Up 264%
Food Additives	4,704	Up 70%	4,703	Up 70%
Other foodstuffs	1,303	Down 37%	1,303	Down 37%

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TOXICOLOGY - Type		
TYPE	No PROCEDURES	CHANGE SINCE 1999
Acute lethal ^v	74,513	Down 18%
Chronic ^{vi}	28,869	Up 35%
Carcinogenicity	11,272	Down 7%
Genetic toxicity	8,924	Down 27%
Teratogenicity	7,151	Up 12%
Reproductive toxicity	45,129	Down 24%
Eyes	1,975	Down 7%
Skin (irritation and sensitisation)	27,488	Up 13%
Toxicokinetics	19,197	Up 10%
Pyrogenicity	13,365	Down 12%

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NON-TOXICOLOGY				
	PROCEDURES		ANIMALS	
FIELD	NUMBER	CHANGE SINCE 1999	NUMBER	CHANGE SINCE 1999
Anatomy	189,947	Up 17%	185,621	Up 18%
Physiology	136,610	Up 1%	135,237	Up 1%
Psychology	106,941	Up 215%	106,056	Up 223%
Pharmaceutical R&D	446,694	Down 7%	434,486	Down 6%
Dentistry	442	Up 155%	354	Up 157%
Genetics	73,267	Down 17%	73,081	Down 17%
Cancer	258,354	Down 3%	257,657	Down 3%
Nutrition	23,379	Up 70%	16,683	Up 67%
Animal Welfare	6,180	Down 1%	6,123	Down 1%
Tobacco	61	Up (Previously 0)	61	Up (Previously 0)
Alcohol	3,083	Up 167%	3,083	Up 167%

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MISCELLANEOUS		
TECHNIQUE	No PROCEDURES	CHANGE SINCE 1999
Ascitic Mab Production	727	Down 76%
Interference with organs of special sense	15,743	Up 29%
Injection into brain	26,839	Down 29%
Interference with brain	39,016	Down 13%
Psychological Stress	10,401	Down 41%
Aversive training	6,344	Down 31%
Radiation	12,079	Down 58%
Thermal injury	97	Down 25%
Physical trauma	7,814	Down 6%

ⁱ Procedures

ⁱⁱ Not including ungulates, rodents, carnivores or primates

ⁱⁱⁱ includes marmoset, tamarin, squirrel, owl and spider monkeys

^{iv} includes baboons and macaques

^v tox and conc

^{vi} and sub-chronic