



RESOURCE SHEET NUMBER 3 – STATISTICS

In 2023, there were 2.68 million (2022 was 2.76 million) scientific procedures on living animals carried out in GB. Number of animals used for the first time was 2.61 million in 2023 and was 2.69 million in 2022. As some animals are ‘re-used’ the number of animals is less than procedures.

Northern Ireland statistics are published separately and there were 28,000 procedures in 2022 with 28,143 animals used for the first time. 2023 has not been published.

Additional statistics, last published in 2017, revealed 1.81 million non-GA animals were bred for scientific procedures but were killed or died without being used in regulated procedures. These additional statistics should be published annually. Data is materially misleading without the inclusion of up to £2 million more animal deaths, many of which are surplus ‘stock.’

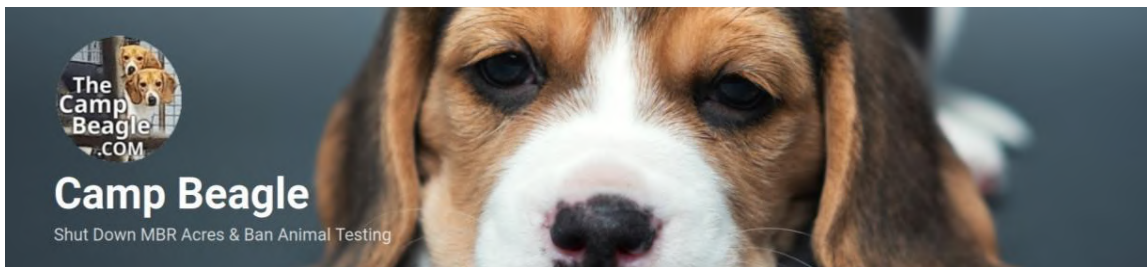
Annual Statistics for GB can be found for 2001 – 2023 and also the additional statistics for 2017 at:

<https://www.gov.uk/government/collections/statistics-of-scientific-procedures-on-living-animals>

Scientific Procedures on Living Animals

	2023	2022	2021	2020	2019	2018
Procedures Table 1.1						
Experimental	1468570	1515845	1648089	1443317	1729914	1801948
Breeding GA Animals	1213116	1248979	1329147	1439993	1673568	1718256
Genetically Altered GA						
	<u>2681686</u>	<u>2764824</u>	<u>2977236</u>	<u>2883310</u>	<u>3403482</u>	<u>3520204</u>
Original figures in previous years		2761204	3056243	2883310	3401517	3519917
Difference		3620	-79007	0	1965	287

Without explanation notice that the published data tables differ to the previous years shown on the 2023 released data. The difference in 2019 is substantial at 79k procedures less than originally stated. We will be asking the Home Office for an explanation.



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Experimental Procedures on specially protected animals

	2023	2022	2021	2020	2019	2018
Cats	63	102	155	146	131	159
Dog	3749	4122	4227	4340	4227	4481
Horse and other equid	11409	8212	10776	10790	10512	10424
Primate	2169	2197	2795	2393	2850	3207
	17390	14633	17953	17669	17720	18271

Dogs - Number of Procedures Table 3.1

	2023	2022	2021	2020	2019	2018
Basic Research	697	704	922	721	562	561
Applied Research	459	534	474	722	663	723
Regulatory	2593	2884	2831	2897	3002	3184
	3749	4122	4227	4340	4227	4468

Dog Breed - Number of Procedures Table 3.1

	2023	2022	2021	2020	2019	2018
Beagles	3544	4014	4016	4270	4055	4314
Other	205	108	211	70	172	167
	3749	4122	4227	4340	4227	4481

	2023	2022	2021	2020	2019	2018
Below Threshold	0	0	0	0	0	1
Non-Recovery	11	59	54	65	24	12
Mild	3004	3124	3230	3253	3086	3387
Moderate	729	919	943	1013	1108	1079



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Severe	5	20	0	9	9	2
	3749	4122	4227	4340	4227	4481

Note that gavage, otherwise known as force feeding, is a flexible tube forced down the throat to the stomach, 1-3 times daily without anesthesia and is classified as mild severity. The description of mild classification is: Mild: Any pain or suffering experienced by an animal was, at worst, only slight or transitory and minor so that the animal returns to its normal state within a short period of time.

In 2022 the breeds of other dogs included Labrador Retrievers, Petit Basset Griffon Vendeen, Norfolk Terriers and beagle crosses. 2021 included the same breeds plus Border Collies.

Year	Species of animal	Animals born in the UK at a licensed establishment	Animals born in the UK but not at a licensed establishment	Animals born elsewhere in the EU at a registered breeder	Animals born in rest of world	Total
2021	Beagle	1,651	3	0	857	2,511
2021	Other dog	27	41	0	0	68
		1,678	44	0	857	2,579
2022	Beagle	2,084	2	7	562	2,655
2022	Other dog	24	4	0	0	28
		2,108	6	7	562	2,683
2023	Beagle	2,176	3	36	156	2,371
2023	Other dog	74	11	0	0	85
		2,250	14	36	156	2,456

In 2023 over 2000 beagles will have been born in MBR Acres, Huntingdon, Cambridgeshire UK. As for imports from the USA up until the end of April 22 these were from Envigo, Virginia and from Marshall BioResources, North Rose facility. In May 22 Envigo was closed for gross welfare violations and so the beagles since have primarily been born in Marshalls North Rose. Imports from the UK have dropped substantially, after our expose on 8th August



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23 there was only one shipment of beagles from Marshalls to the UK (via Belgium) on 8th September 23.

Procedures on beagles by legislative requirement and purpose, Great Britain

Legislative requirement or purpose	2023	% 2023	2022	% 2022	2021	% 2021
Total beagles	3544	100%	4014	100.0%	4,016	100.0%
Industrial chemicals legislation	2	0.1%	0	0.0%	0	0.0%
Plant protection product legislation	205	5.8%	195	4.9%	109	2.7%
Legislation on medicinal products for human use	2275	64.2%	2483	61.9%	2,457	61.2%
Legislation on medicinal products for veterinary use and their residues	111	3.1%	206	5.1%	146	3.6%
Basic research	563	15.9%	620	15.4%	759	18.9%
Applied/Translational research without animal welfare and non-regulatory toxicology and ecotoxicology	18	0.5%	32	0.8%	22	0.5%
Total medical research	2,967	83.7%	3,341	83.2%	3,384	84.3%
Other procedures for beagles	370	10.4%	478	11.9%	523	13.0%



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3,544	100%	4,014	100%	4,016	100%
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Beagles (Table 3.2)

	2023	2022	2021
Basic research:			
Cardiovascular Blood and Lymphatic	0	3	0
Gastrointestinal System including Liver	0	0	2
Immune System	46	4	0
Multisystemic	5	4	18
Ethology / Animal Behaviour /Animal Biology	9	12	0
Developmental	2	0	0
Other	501	597	739
Applied Research			
Human Respiratory Disorders	0	0	2
Human Musculoskeletal Disorders	0	32	0
Human Immune Disorders	0	0	20
Other Human Disorders	18	0	0
Applied Research			
Non-regulatory toxicology and ecotoxicology	370	478	404
Regulatory Use			
Blood based products	86	159	149
Quality control & Other QC	0	0	1
Other efficacy and tolerance testing	176	125	136
Acute and sub-toxicity testing methods: Non lethal methods	50	32	104
Repeated dose toxicity: up to 28 days	859	1158	961
Repeated dose toxicity: 29 - 90 days	489	232	308
Repeated dose toxicity: greater than 90 days	601	855	816
Target animal safety	0	32	0
Kinetics	141	84	159



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Pharmaco-dynamics	128	129	118
Other type of toxicity or safety testing	63	78	79
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	3544	4014	4016

Other Dogs

	2023	2022	2021
Basic research:			
Gastrointestinal System including Liver	0	0	13
Immune System	55	22	49
Multisystemic	32	14	101
Ethology / Animal Behaviour /Animal Biology	47	48	0
Applied Research			
Human Musculoskeletal Disorders	0	4	23
Applied Research			
Animal Diseases and Disorders	71	20	2
Diagnosis of diseases	0	0	23
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	205	108	211