

EU Statistical Data of all uses of animals

Member State: Slovenia

Year: 2020

All uses of animals by species

Animal Species	Number of uses	Percentage
Mice	5,290	91.27%
Rats	19	0.33%
Guinea-Pigs		
Hamsters (Syrian)		
Hamsters (Chinese)		
Mongolian gerbil		
Other rodents		
Rabbits	68	1.17%
Cats		
Dogs		
Ferrets		
Other carnivores		
Horses, donkeys and cross-breeds	2	0.03%
Pigs	8	0.14%
Goats		
Sheep	2	0.03%
Cattle		
Prosimians		
Marmoset and tamarins		
Cynomolgus monkey		
Rhesus monkey		
Vervets (Chlorocebus spp.)		
Baboons		
Squirrel monkey		
Other species of Old World Monkeys (Cercopithecoidea)		
Other species of New World Monkeys (Ceboidea)		
Apes		
Other mammals		
Domestic fowl	407	7.02%
Other birds		
Reptiles		
Rana		
Xenopus		
Other amphibians		
Zebra fish		
Other fish		
Cephalopods		
Total uses	5,796	100.00%

Origin as registered at the first use

Place of Birth	Number of uses	Percentage
Animals born in the EU at a registered breeder	4,932	100.00%
Animals born in the EU but not at a registered breeder		
Animals born in rest of Europe		
Animals born in rest of world		
Total uses	4,932	100.00%

Purpose for which animals are used

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Purpose Category level 1	Number of uses	Percentage
Basic Research	1,461	25.21%
Translational and applied research	2,648	45.69%
Regulatory use and Routine production	1,677	28.93%
Protection of the natural environment in the interests of the health or welfare of human beings or animals		
Preservation of species		
Higher education or training for the acquisition, maintenance or improvement of vocational skills	10	0.17%
Forensic enquiries		
Maintenance of colonies of established genetically altered animals, not used in other procedures		
Total uses	5,796	100.00%

Basic Research	Number of uses	Percentage
Oncology	733	50.17%
Cardiovascular Blood and Lymphatic System		
Nervous System	56	3.83%
Respiratory System		
Gastrointestinal System including Liver	10	0.68%
Musculoskeletal System	22	1.51%
Immune System	470	32.17%
Urogenital/Reproductive System	38	2.60%
Sensory Organs (skin, eyes and ears)		
Endocrine System/Metabolism	14	0.96%
Multisystemic	96	6.57%
Ethology / Animal Behaviour /Animal Biology	22	1.51%
Other basic research		
Total uses	1,461	100.00%

Translational and applied research	Number of uses	Percentage
Human Cancer	2,023	76.40%
Human Infectious Disorders		
Human Cardiovascular Disorders		
Human Nervous and Mental Disorders		
Human Respiratory Disorders	15	0.57%
Human Gastrointestinal Disorders including Liver	160	6.04%
Human Musculoskeletal Disorders		
Human Immune Disorders		
Human Urogenital/Reproductive Disorders		
Human Sensory Organ Disorders (skin, eyes and ears)		
Human Endocrine/Metabolism Disorders		
Other Human Disorders	155	5.85%
Animal Diseases and Disorders		
Animal Welfare	240	9.06%
Diagnosis of diseases	55	2.08%
Plant diseases		
Non-regulatory toxicology and ecotoxicology		
Total uses	2,648	100.00%

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Regulatory use and routine Production	Number of uses	Percentage
Quality control (incl batch safety and potency testing)	1,677	100.00%
Other efficacy and tolerance testing		
Toxicity and other safety testing including pharmacology		
Routine production		
Total uses	1,677	100.00%

Regulatory use and routine production – Quality control (incl batch safety and potency testing)	Number of uses	Percentage
Batch safety testing	25	1.49%
Pyrogenicity testing	68	4.05%
Batch potency testing	1,584	94.45%
Other quality controls		
Total uses	1,677	100.00%

Regulatory use and routine production - Toxicity and other safety testing including pharmacology	Number of uses	Percentage
Acute and sub-acute		
Skin irritation/corrosion		
Skin sensitisation		
Eye irritation/corrosion		
Repeated dose toxicity		
Carcinogenicity		
Genotoxicity		
Reproductive toxicity		
Developmental toxicity		
Neurotoxicity		
Kinetics		
Pharmaco-dynamics (incl safety pharmacology)		
Phototoxicity		
Ecotoxicity		
Safety testing in food and feed area		
Target animal safety		
Other toxicity/safety testing		
Total uses		

Regulatory use and routine production – Toxicity and other safety testing including pharmacology – Acute and sub-acute toxicity testing methods	Number of uses	Percentage
LD50, LC50		
Other lethal methods		
Non lethal methods		
Total uses		

Regulatory use and routine production – Toxicity and other safety testing including pharmacology – Repeated dose toxicity	Number of uses	Percentage
up to 28 days		
29 - 90 days		
> 90 days		
Total uses		

Regulatory use and routine production – Toxicity and other safety testing including pharmacology – Ecotoxicity	Number of uses	Percentage
Acute toxicity		
Chronic toxicity		
Reproductive ecotoxicity		
Endocrine activity		
Bioaccumulation		
Other ecotoxicity		
Total uses		

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Regulatory use and routine production – Routine production	Number of uses	Percentage
Blood based products		
Monoclonal antibody by mouse ascites method		
Other product types		
Total uses		

Use of animals to meet legislative requirements

Testing by Legislation	Number of uses	Percentage
Legislation on medicinal products for human use	1,677	100.00%
Legislation on medicinal products for veterinary use and their residues		
Medical devices legislation		
Industrial chemicals legislation		
Plant protection product legislation		
Biocides legislation		
Food legislation including food contact material		
Feed legislation including legislation for the safety of target animals, workers and environment		
Cosmetics legislation		
Other legislation		
Total uses	1,677	100.00%

Legislative Requirement	Number of uses	Percentage
Legislation satisfying EU requirements	1,677	100.00%
Legislation satisfying national requirements only [within EU]		
Legislation satisfying Non-EU requirements only		
Total uses	1,677	100.00%

First use and re-use

Re-Use	Number of uses	Percentage
No	4,932	85.09%
Yes	864	14.91%
Total uses	5,796	100.00%

Use in creation of a new genetic line

Creation of New GL	Number of uses	Percentage
No	5,796	100.00%
Yes		
Total uses	5,796	100.00%

Actual severity of uses

Severity	Number of uses	Percentage
Non-recovery	24	0.41%
Mild [up to and including]	4,387	75.69%
Moderate	1,371	23.65%
Severe	14	0.24%
Total uses	5,796	100.00%

Use by genetic status

Genetic Status	Number of uses	Percentage
Not genetically altered	5,181	89.39%
Genetically altered without a harmful phenotype	615	10.61%
Genetically altered with a harmful phenotype		
Total uses	5,796	100.00%