Member State: Slovakia

All uses of animals by species

Mice 6,774 40.29% Rats 8,067 47.98% Guinea-Pigs 903 5.37% Hamsters (Syrian) Hamsters (Chinese) Mongolian gerbil 14 0.08% Cats 30 0.18% Cats 30 0.18% Cother Carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 0.03% Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Reptiles Rana Xenopus Other Fish Cephalopods	·		
Rats 8,067 47.98% Guinea-Pigs 903 5.37% Hamsters (Syrian) Hamsters (Chinese) Mongolian gerbil 14 0.08% Other Rodents Rabbits 163 0.97% Cats 30 0.18% Dogs 6 0.04% Ferrets Other carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 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 Ion-human primates Apes Other Mammals Domestic fowl 795 4.73% Other Did Roden Reptiles Rana Xenopus Other Fish Cephalopods	Animal Species	Number of uses	Percentage
Guinea-Pigs 903 5.37% Hamsters (Syrian) Hamsters (Chinese) Mongolian gerbil 14 0.08% Other Rodents Rabbits 163 0.97% Gats 30 0.18% Other carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Gattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Cercopithecoidea) Other species of non-human primates Pomestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Fish Cephalopods	Mice	6,774	40.29%
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Hamsters (Chinese) Mongolian gerbil Other Rodents Rabbits 163 0.97% Cats 30 0.18% Dogs 6 0.04% Ferrets Other carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 0.03% Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of old World Monkeys (Ceropithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds Reptiles Rana Xenopus Other Fish Cephalopods	Guinea-Pigs	903	5.37%
Mongolian gerbil 14 0.08% Other Rodents Rabbits 163 0.97% Cats 30 0.18% Dogs 6 0.04% Ferrets Other carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 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 non-human primates Apes Other Mammals Domestic fowl 795 4.73% Reptilles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Hamsters (Syrian)		
Other Rodents Rabbits 163 0.97% Cats 30 0.18% Dogs 6 0.04% Ferrets Other carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 0.03% Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptilles Rana Xenopus Other Fish Cephalopods	Hamsters (Chinese)		
Rabbits 163 0.97% Cats 30 0.18% Dogs 6 0.04% Ferrets Other carnivores Horses, donkeys & cross-breeds Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 0.03% Cattle Prosimians Prosimians	Mongolian gerbil	14	0.08%
Cats 30 0.18% Dogs 6 0.04% Ferrets 0 0.04% Ferrets 0 0.04% Horses, donkeys & cross-breeds 19 0.11% Horses, donkeys & cross-breeds 19 0.11% Goats 5 0.03% Cattle 7 0.03% Prosimians Marmoset and tamarins 0.03% Cynomolgus monkey Cynomolgus monkey Resum onkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) 00heys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) 00her species of non-human primates Apes 00her Mammals Domestic fowl 795 4.73% Other Mammals 36 0.21% Reptiles Rana Xenopus Cher Amphibians Zebra fish Other Fish Cephalopods Cephalopods	Other Rodents		
Dogs 6 0.04% Ferrets Other carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 0.03% Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Rabbits	163	0.97%
Ferrets Other carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 0.03% Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Cats	30	0.18%
Other carnivores Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 0.03% Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Dogs	6	0.04%
Horses, donkeys & cross-breeds Pigs 19 0.11% Goats Sheep 5 0.03% Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Ferrets		
Pigs 19 0.11% Goats 5 0.03% Cattle 7 0.03% Prosimians Armoset and tamarins 0 Cynomolgus monkey Rhesus monkey 0 Vervets Chlorocebus spp. Baboons 0 Squirrel monkey 0 0 Other species of New World Monkeys (Ceboidea) 0 0 Other species of Old World Monkeys (Cercopithecoidea) 0 0 Other species of non-human primates 0 0 Apes 0 0 0 Other Mammals 0 0 0 0 Domestic fowl 795 4.73% 0	Other carnivores		
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Sheep 5 0.03% Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Pigs	19	0.11%
Cattle Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Goats		
Prosimians Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Sheep	5	0.03%
Marmoset and tamarins Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Cattle		
Cynomolgus monkey Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Prosimians		
Rhesus monkey Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Marmoset and tamarins		
Vervets Chlorocebus spp. Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Cynomolgus monkey		
Baboons Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Rhesus monkey		
Squirrel monkey Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Vervets Chlorocebus spp.		
Other species of New World Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Baboons		
Monkeys (Ceboidea) Other species of Old World Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl Other birds Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Squirrel monkey		
Monkeys (Cercopithecoidea) Other species of non-human primates Apes Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Other species of New World Monkeys (Ceboidea)		
primate's Apes Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Other species of Old World Monkeys (Cercopithecoidea)		
Other Mammals Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Other species of non-human primates		
Domestic fowl 795 4.73% Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Apes		
Other birds 36 0.21% Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Other Mammals		
Reptiles Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Domestic fowl	795	4.73%
Rana Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Other birds	36	0.21%
Xenopus Other Amphibians Zebra fish Other Fish Cephalopods	Reptiles		
Other Amphibians Zebra fish Other Fish Cephalopods	Rana		
Zebra fish Other Fish Cephalopods	Xenopus		
Other Fish Cephalopods	Other Amphibians		
Cephalopods	Zebra fish		
	Other Fish		
Total uses 16,812 100.00%	Cephalopods		
	Total uses	16,812	100.00%

Origin as registered at the first use

Year: 2014

Place of Birth	Number of uses	Percentage
Animals born in the EU at a registered breeder	16,806	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	16,806	100.00%

NHP Source (origin)	Number of uses	Percentage
Animals born at a registered breeder within EU		
Animals born in rest of Europe		
Animals born in Asia		
Animals born in America		
Animals born in Africa		
Animals born elsewhere		
Total uses		

NHP Generation	Number of uses	Percentage
F0		
F1		
F2 or greater		
Self-sustaining colony		
Total uses		

Purpose for which animals are used

Purpose Category level 1	Number of uses	Percentage
Basic Research	13,113	78.00%
Translational and applied research	999	5.94%
Regulatory use and Routine production	2,700	16.06%
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		
Forensic enquiries		
Maintenance of colonies of established genetically altered animals, not used in other procedures		
Total uses	16,812	100.00%

Basic Research	Number of uses	Percentage
Oncology	1,433	10.93%
Cardiovascular Blood and Lymphatic System	1,769	13.49%
Nervous System	3,019	23.02%
Respiratory System	1,535	11.71%
Gastrointestinal System including Liver	722	5.51%
Musculoskeletal System	57	0.43%
Immune System	815	6.22%
Urogenital/Reproductive System	2,965	22.61%
Sensory Organs (skin, eyes and ears)		
Endocrine System/Metabolism	216	1.65%
Multisystemic	142	1.08%
Ethology / Animal Behaviour /Animal Biology		
Other basic research	440	3.36%
Total uses	13,113	100.00%

Translational and applied research	Number of uses	Percentage
Human Cancer	20	2.00%
Human Infectious Disorders		
Human Cardiovascular Disorders	214	21.42%
Human Nervous and Mental Disorders	6	0.60%
Human Respiratory Disorders		
Human Gastrointestinal Disorders including Liver	56	5.61%
Human Musculoskeletal Disorders	198	19.82%
Human Immune Disorders	4	0.40%
Human Urogenital/Reproductive Disorders		
Human Sensory Organ Disorders (skin, eyes and ears)	291	29.13%
Human Endocrine/Metabolism Disorders		
Other Human Disorders		
Animal Diseases and Disorders	5	0.50%
Animal Welfare	29	2.90%
Diagnosis of diseases	106	10.61%
Plant diseases		
Non-regulatory toxicology and ecotoxicology	70	7.01%
Total uses	999	100.00%

EU Statistical Data of all uses of animals		
gulatory use and routine Production	Number of uses	Percentag
outine production		
nality control (incl batch safety and potency testing)	1,054	39.049
her efficacy and tolerance testing		
xicity and other safety testing including pharmacology	1,646	60.96°
tal uses	2,700	100.009
Regulatory use and routine production – Quality control (incl batch safety and potency testing)	Number of uses	Percentaç
Batch safety testing	895	84.919
Pyrogenicity testing		
Batch potency testing	159	15.09
Other quality controls		
Total uses	1,054	100.00
Regulatory use and routine production - Toxicity and other safety testing including pharmacology	Number of uses	Percentag
Acute and sub-acute	383	23.27
Skin irritation/corrosion		
Skin sensitisation		
Eye irritation/corrosion	3	0.18
Repeated dose toxicity	1,200	72.90
Carcinogenicity		
Genotoxicity		
Reproductive toxicity		
Developmental toxicity		
Neurotoxicity		
Kinetics	60	3.65
Pharmaco-dynamics (incl safety pharmacology)		
Phototoxicity		
Ecotoxicity		
Safety testing in food and feed area		
Target animal safety		
Other toxicity/safety testing		

Total uses

- 1		Į.
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	383	100.00%
Other lethal methods		
Non lethal methods		
Total uses	383	100.00%
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	1,200	100.00%
> 90 days		
Total uses	1,200	100.00%
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		

1,646

100.00%

Regulatory use and routine production – Routine production	Number of uses	Percentage
Blood based products		
Monoclonal antibodies		
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	1,431	53.00%
Legislation on medicinal products for veterinary use and their residues	119	4.41%
Medical devices legislation	986	36.52%
Industrial chemicals legislation	164	6.07%
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	2,700	100.00%

Legislative Requirement	Number of uses	Percentage
Legislation satisfying EU requirements	2,620	97.04%
Legislation satisfying national requirements only [within EU]	80	2.96%
Legislation satisfying Non-EU requirements only		
Total uses	2,700	100.00%

First use and re-use

Re-Use	Number of uses	Percentage
No	16,806	99.96%
Yes	6	0.04%
Total uses	16.812	100.00%

Actual severity of uses

Severity	Number of uses	Percentage
Non-recovery	1,738	10.34%
Mild [up to and including]	10,832	64.43%
Moderate	4,067	24.19%
Severe	175	1.04%
Total uses	16,812	100.00%

Use in creation of a new genetic line

Creation of New GL	Number of uses	Percentage
No	16,812	100.00%
Yes		
Total uses	16,812	100.00%

Use by genetic status

Genetic Status	Number of uses	Percentage
Not genetically altered	16,055	95.50%
Genetically altered without a harmful phenotype	210	1.25%
Genetically altered with a harmful phenotype	547	3.25%
Total uses	16,812	100.00%

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