

DP.D.1. Genetically altered animals - creation

Creation of a new genetic altered line

	Basic Research	Translational and applied research	Total
Mice	3,191	90	3,281
Rats			
Guinea-Pigs			
Hamsters (Syrian)			
Hamsters (Chinese)			
Mongolian gerbil			
Other Rodents			
Rabbits			
Cats			
Dogs			
Ferrets			
Other carnivores			
Horses, donkeys & cross-breeds			
Pigs			
Goats			
Sheep			
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	649		649

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	Basic Research	Translational and applied research	Total
Other Fish			
Cephalopods			
Total	3,840	90	3,930

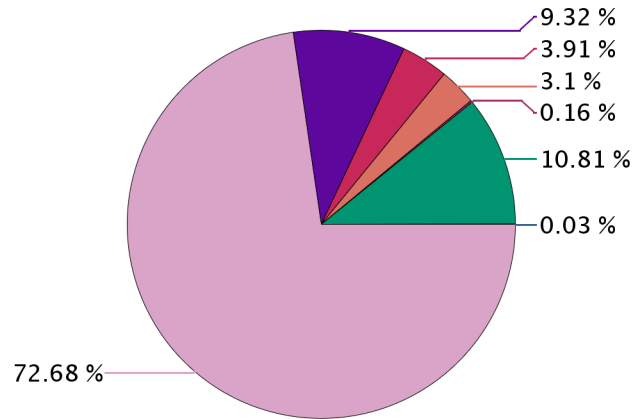
Basic Research	Number of Animals
Oncology	1
Cardiovascular Blood and Lymphatic System	
Nervous System	415
Respiratory System	
Gastrointestinal System including Liver	6
Musculoskeletal System	
Immune System	
Urogenital/Reproductive System	119
Sensory Organs (skin, eyes and ears)	
Endocrine System/Metabolism	150
Multisystemic	358
Ethology / Animal Behaviour /Animal Biology	
Other basic research	2,791
Total	3,840

Translational and applied research	Number of Animals
Human Cancer	
Human Infectious Disorders	
Human Cardiovascular Disorders	
Human Nervous and Mental Disorders	
Human Respiratory Disorders	
Human Gastrointestinal Disorders including Liver	
Human Musculoskeletal Disorders	60
Human Immune Disorders	
Human Urogenital/Reproductive Disorders	
Human Sensory Organ Disorders (skin, eyes and ears)	
Human Endocrine/Metabolism Disorders	30
Other Human Disorders	
Animal Diseases and Disorders	
Animal Welfare	
Diagnosis of diseases	
Plant diseases	
Non-regulatory toxicology and ecotoxicology	
Total	90

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Purpose

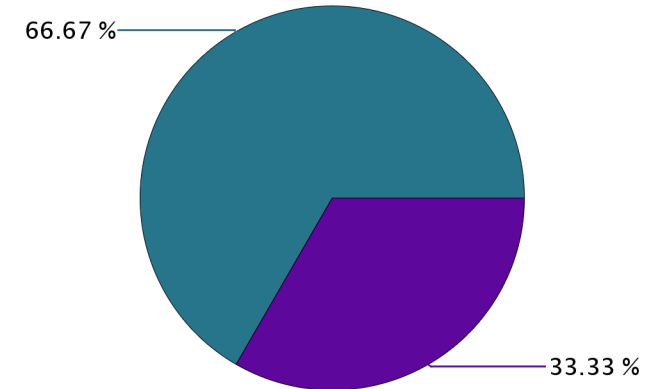
- Oncology
- Cardiovascular Blood and Lymphatic System
- Nervous System
- Respiratory System
- Gastrointestinal System including Liver
- Musculoskeletal System
- Immune System
- Urogenital/Reproducti...
- Sensory Organs (skin, eyes and ears)
- Endocrine System/Metabolism
- Multisystemic
- Ethology / Animal Behaviour / Animal Biology
- Other basic research



Number of Animals

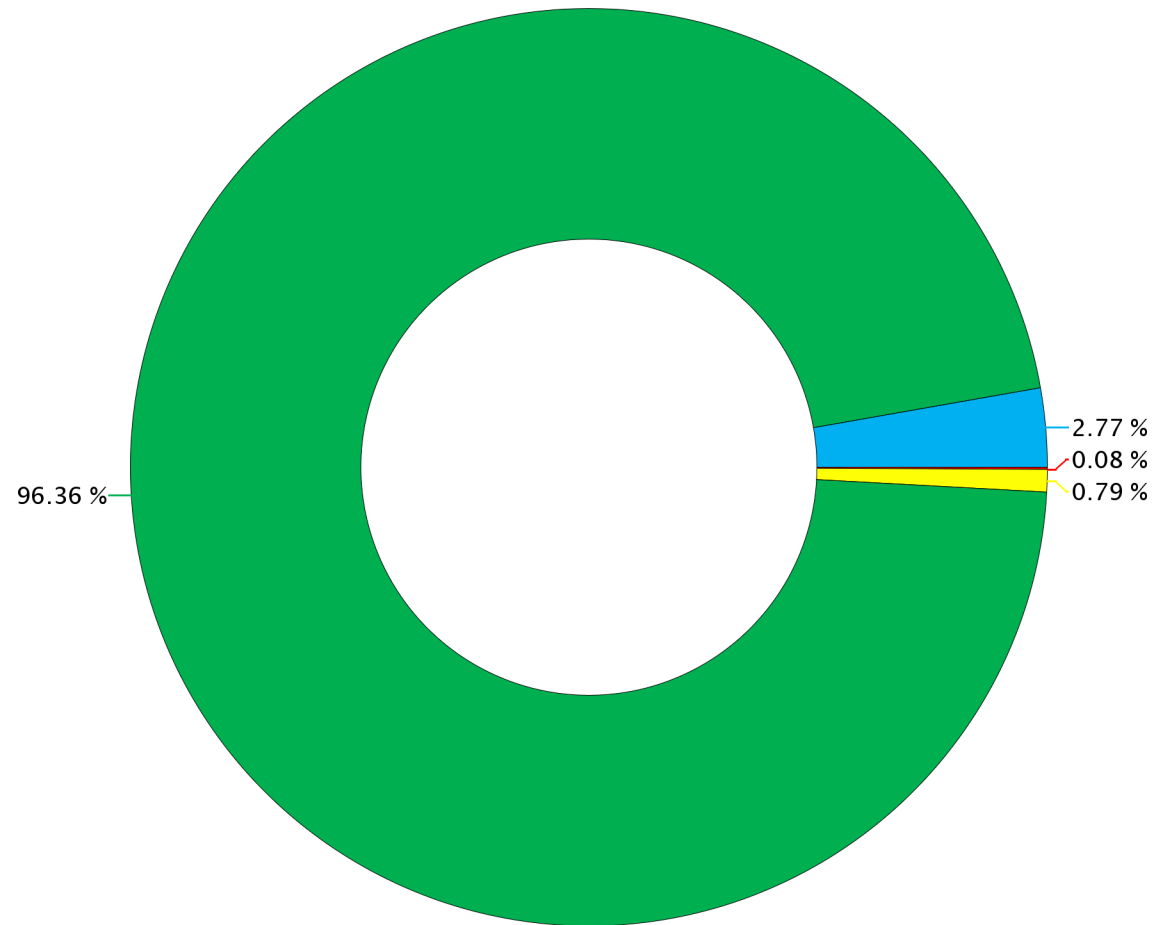
Purpose

- Human Cancer
- Human Infectious Disorders
- Human Cardiovascular Disorders
- Human Nervous and Mental Disorders
- Human Respiratory Disorders
- Human Gastrointestinal Disorders including Liver
- 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
- Animal Diseases and Disorders
- Animal Welfare
- Diagnosis of diseases
- Plant diseases
- Non-regulatory toxicology and ecotoxicology



Number of Animals

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Number of Animals

Severity

■ Non-recovery ■ Mild [up to and including] ■ Moderate ■ Severe

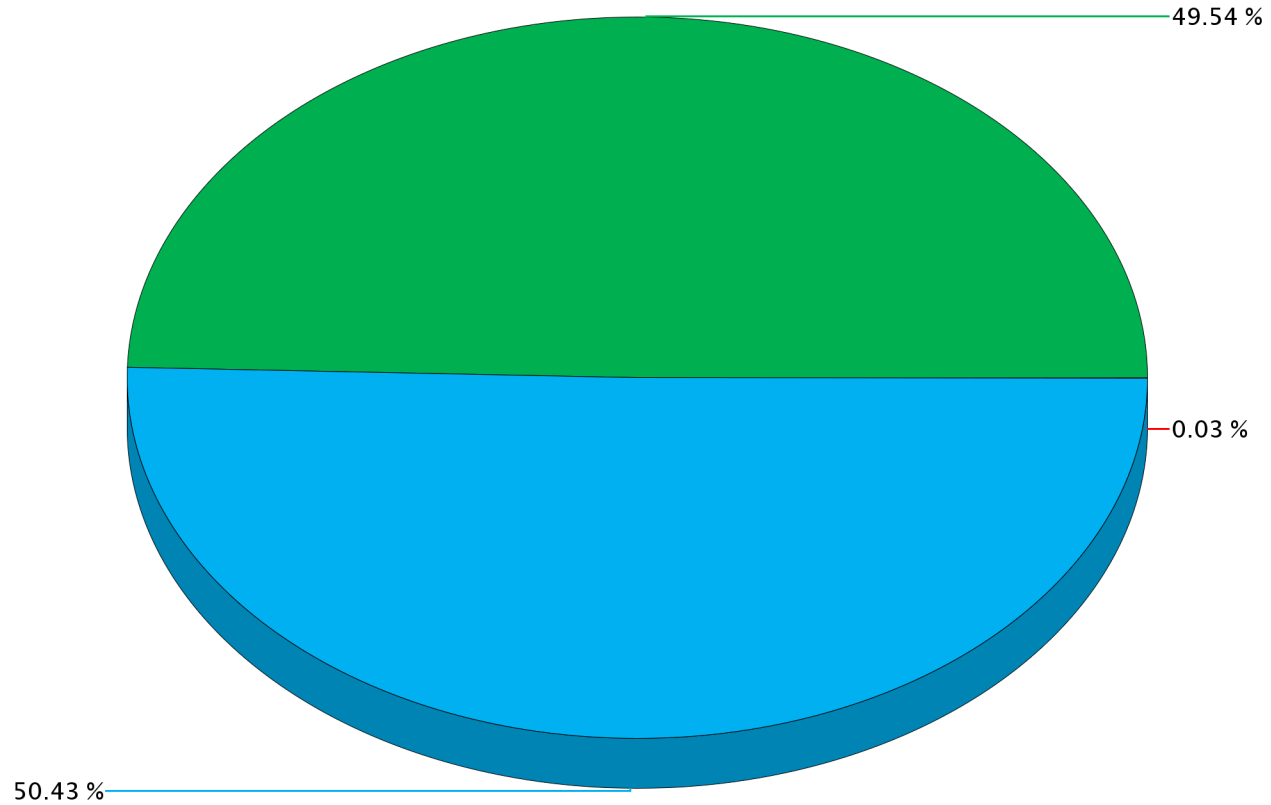
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	Not genetically altered	Genetically altered without a harmful phenotype	Genetically altered with a harmful phenotype	Total
Mice	1,947	1,333	1	3,281
Rats				
Guinea-Pigs				
Hamsters (Syrian)				
Hamsters (Chinese)				
Mongolian gerbil				
Other Rodents				
Rabbits				
Cats				
Dogs				
Ferrets				
Other carnivores				
Horses, donkeys & cross-breeds				
Pigs				
Goats				
Sheep				
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		649		649
Other Fish				
Cephalopods				

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	Not genetically altered	Genetically altered without a harmful phenotype	Genetically altered with a harmful phenotype	Total
Total	1,947	1,982	1	3,930

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Number of Animals

Genetic Status

■ Not genetically altered ■ Genetically altered without a harmful phenotype ■ Genetically altered with a harmful phenotype