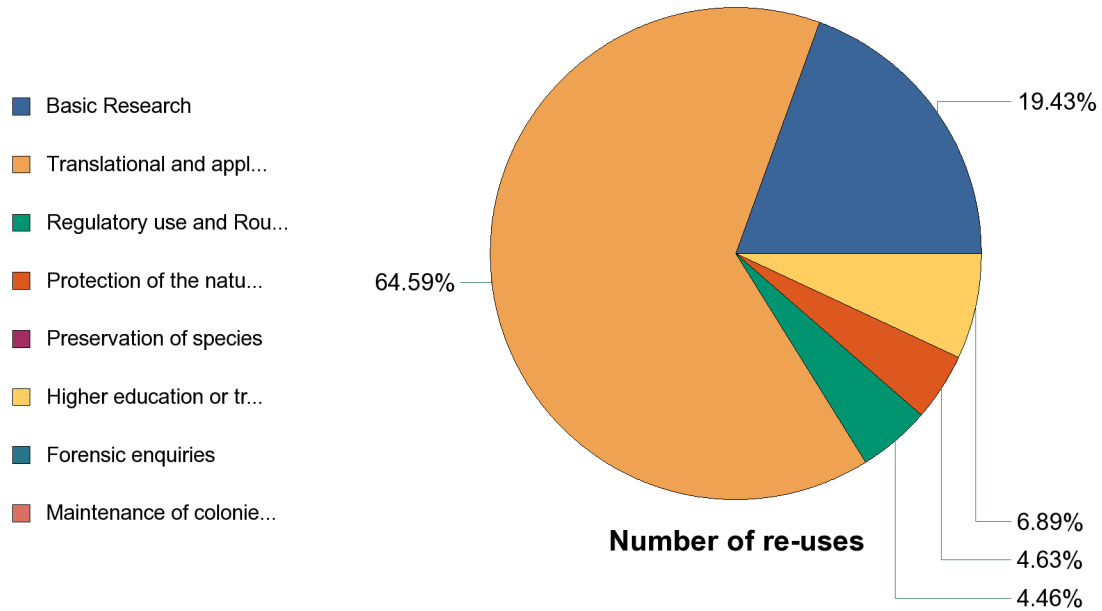


## DP.E.2. Purposes and re-use

### Primary purposes

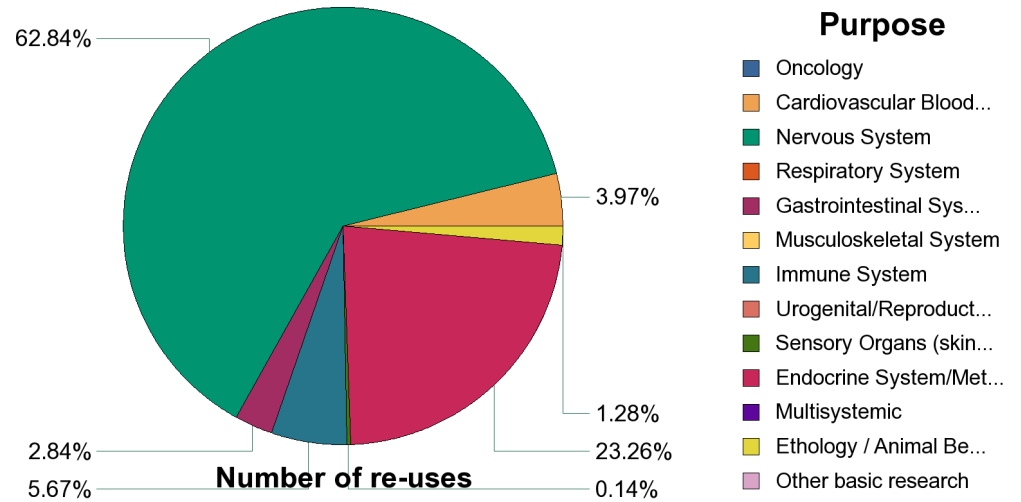
Purpose	Number of re-uses
Basic Research	705
Translational and applied research	2,344
Regulatory use and Routine production	162
Protection of the natural environment in the interests of the health or welfare of human beings or animals	168
Preservation of species	
Higher education or training for the acquisition, maintenance or improvement of vocational skills	250
Forensic enquiries	
Maintenance of colonies of established genetically altered animals, not used in other procedures	
<b>Total of re-uses:</b>	<b>3,629</b>



## DP.E.2. Purposes and re-use

### Basic research purposes

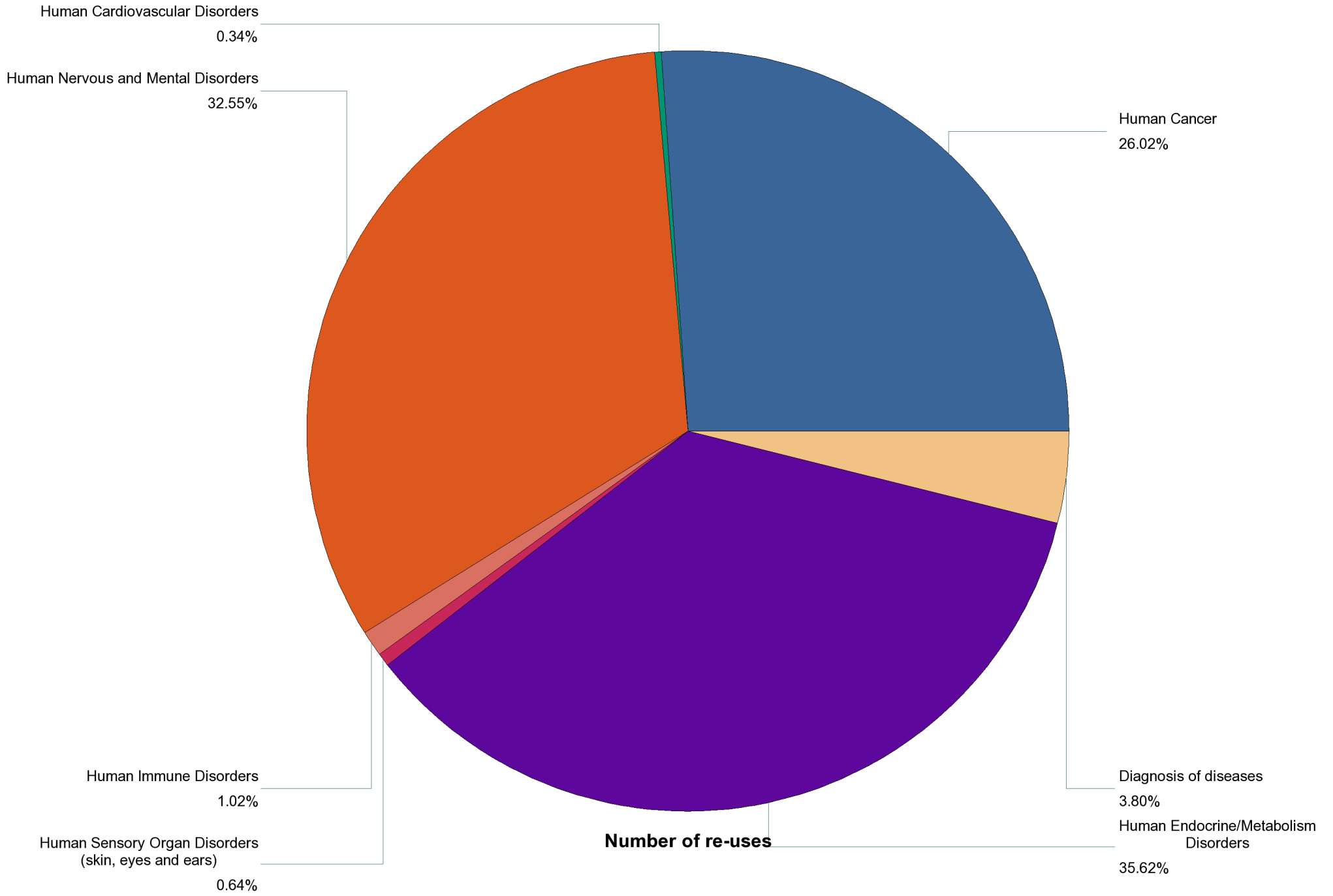
Purpose	Number of re-uses
Oncology	
Cardiovascular Blood and Lymphatic System	28
Nervous System	443
Respiratory System	
Gastrointestinal System including Liver	20
Musculoskeletal System	
Immune System	40
Urogenital/Reproductive System	
Sensory Organs (skin, eyes and ears)	1
Endocrine System/Metabolism	164
Multisystemic	
Ethology / Animal Behaviour /Animal Biology	9
Other basic research	
<b>Total of re-uses:</b>	<b>705</b>



### Translational and applied research purposes

Purpose	Number of re-uses
Human Cancer	610
Human Infectious Disorders	
Human Cardiovascular Disorders	8
Human Nervous and Mental Disorders	763
Human Respiratory Disorders	
Human Gastrointestinal Disorders including Liver	
Human Musculoskeletal Disorders	
Human Immune Disorders	24
Human Urogenital/Reproductive Disorders	
Human Sensory Organ Disorders (skin, eyes and ears)	15
Human Endocrine/Metabolism Disorders	835
Other Human Disorders	
Animal Diseases and Disorders	
Animal Welfare	
Diagnosis of diseases	89
Plant diseases	
Non-regulatory toxicology and ecotoxicology	
<b>Total of re-uses:</b>	<b>2,344</b>

## DP.E.2. Purposes and re-use

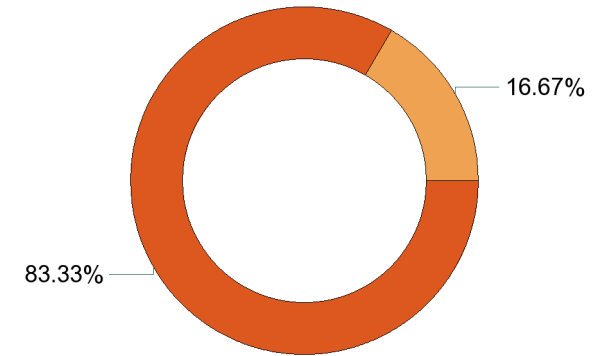


## DP.E.2. Purposes and re-use

### Regulatory use and routine production purposes

Purpose	Number of re-uses
Routine production	
Quality control (incl batch safety and potency testing)	27
Other efficacy and tolerance testing	
Toxicity and other safety testing including pharmacology	135
Total of re-uses:	162

- Routine production
- Quality control (incl b...
- Other efficacy and tole...
- Toxicity and other safe...

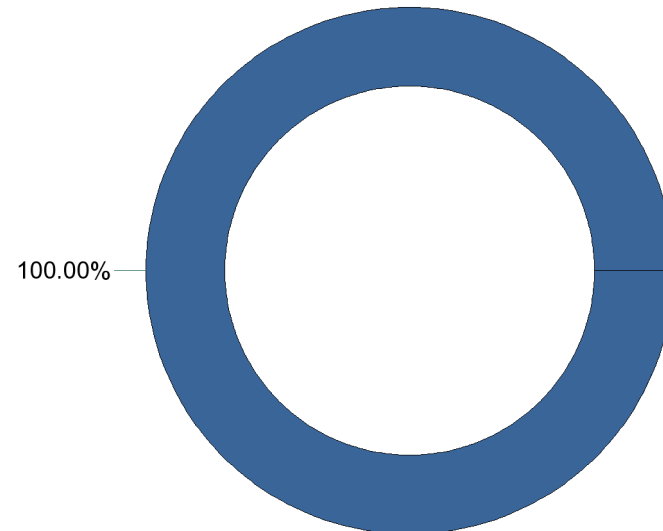


Number of re-uses

### Quality control purposes

Purpose	Number of re-uses
Batch safety testing	27
Pyrogenicity testing	
Batch potency testing	
Other quality controls	
Total of re-uses:	27

- Batch safety testing
- Pyrogenicity testing
- Batch potency testing
- Other quality controls



Number of re-uses

## DP.E.2. Purposes and re-use

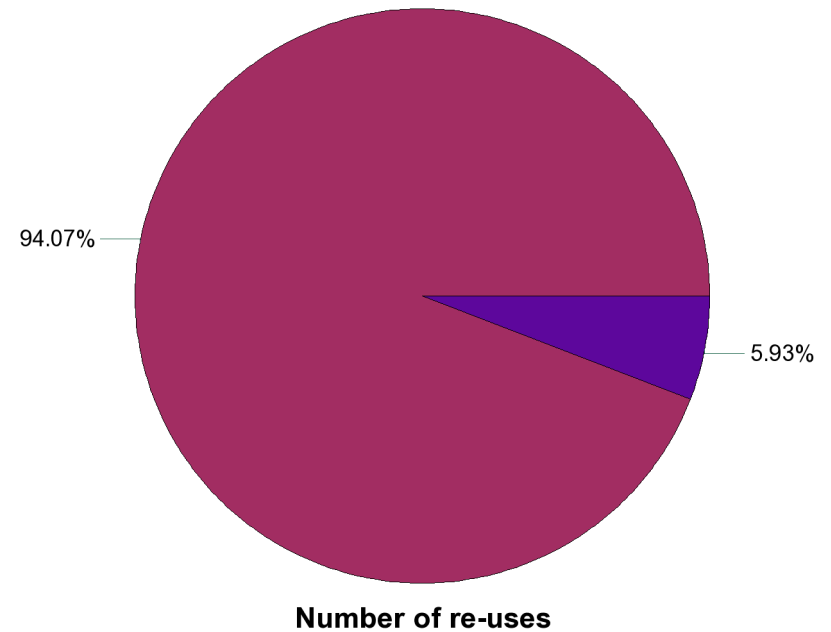
### Routine production purposes

Purpose	Number of re-uses
Blood based products	
Monoclonal antibodies	
Other product types	
Total of re-uses:	

### Toxicity and other safety testing by test type purposes

Purpose	Number of re-uses
Acute and sub-acute	
Skin irritation/corrosion	
Skin sensitisation	
Eye irritation/corrosion	
Repeated dose toxicity	127
Carcinogenicity	
Genotoxicity	
Reproductive toxicity	
Developmental toxicity	
Neurotoxicity	
Kinetics	8
Pharmaco-dynamics (incl safety pharmacology)	
Phototoxicity	
Ecotoxicity	
Safety testing in food and feed area	
Target animal safety	
Other toxicity/safety testing	
Total of re-uses:	135

- Acute and sub-acute
- Skin irritation/corrosion
- Skin sensitisation
- Eye irritation/corrosion
- Repeated dose toxicity
- Carcinogenicity
- Genotoxicity

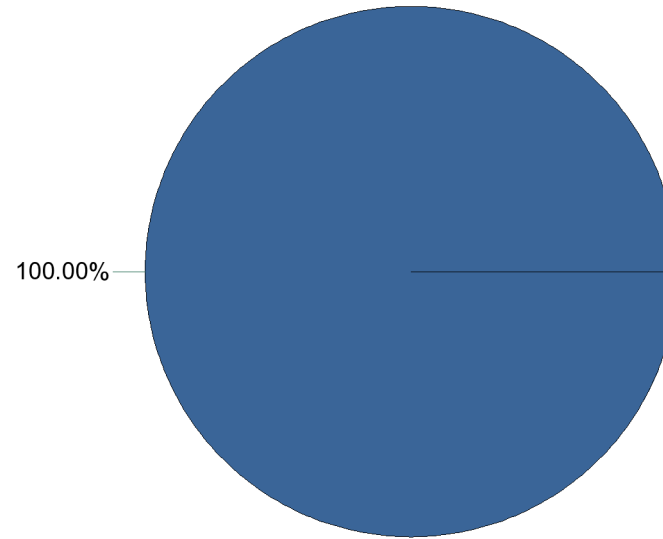


## DP.E.2. Purposes and re-use

### Repeated dose toxicity purposes

Purpose	Number of re-uses
up to 28 days	127
29 - 90 days	
> 90 days	
Total of re-uses:	127

- up to 28 days
- 29 - 90 days
- > 90 days



Number of re-uses

## DP.E.2. Purposes and re-use

### Acute and sub-acute toxicity testing methods

Purpose	Number of re-uses
LD50, LC50	
Other lethal methods	
Non lethal methods	
Total of re-uses:	

## DP.E.2. Purposes and re-use

### Ecotoxicity purposes

Purpose	Number of re-uses
Acute toxicity	
Chronic toxicity	
Endocrine activity	
Bioaccumulation	
Other ecotoxicity	
Total of re-uses:	