

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

### Data inclusion criteria

Report year: 2016

Country: Denmark

EU Submission: ALL

Genetic status: ALL

Animal Species: ALL

Species grouping Level 1: ALL

Species grouping Level 2: ALL

Mammals: ALL

Non-human primates: ALL

Submission Id: ALL

Id 1: ALL

Id 2: ALL

Id 3: ALL

### Narrative

This report shows the purposes for which animals are re-used, giving the number of re-uses for each high-level purpose.

It also provides details of the re-use for all sub-categories of purposes. Please see a listing and details of all categories of purposes in the Commission Implementing Decision 2012/707/EU

<http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:02012D0707-20140115>

Animals that have only been used once are excluded from this report.

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

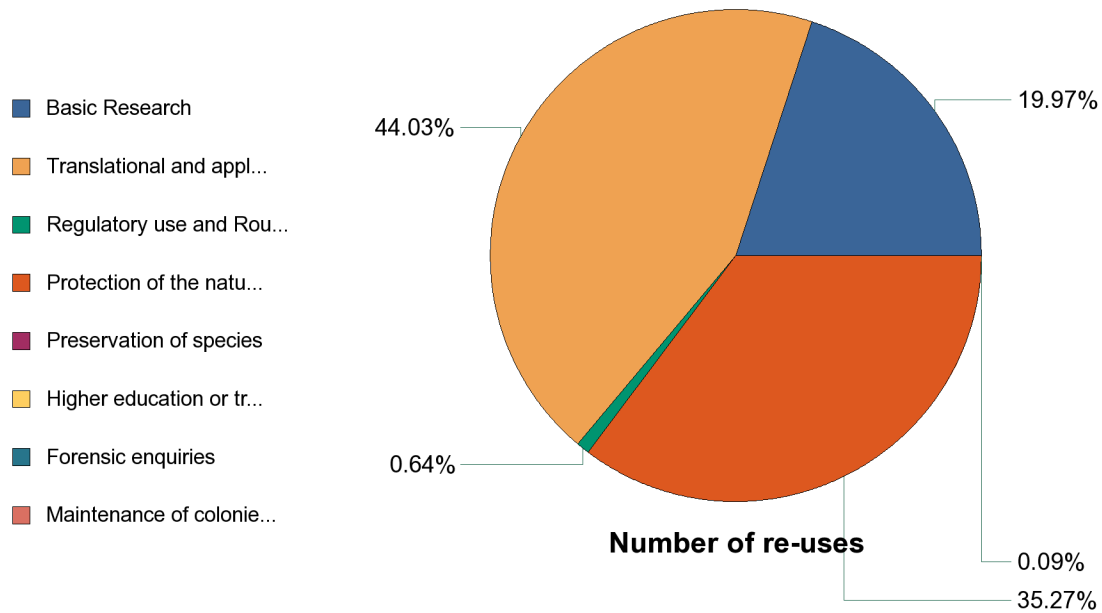
### Ecotoxicity purposes

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

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

### Primary purposes

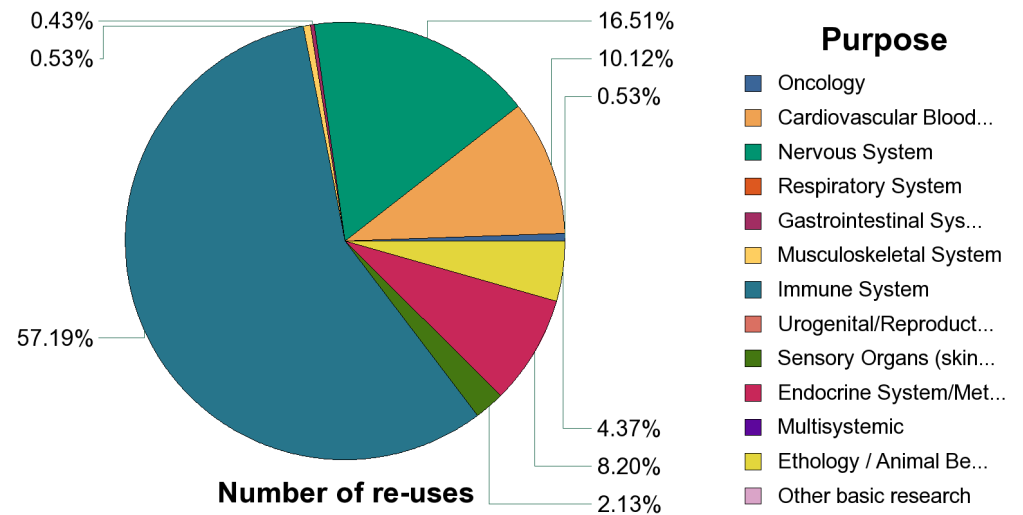
Purpose	Number of re-uses
Basic Research	939
Translational and applied research	2,070
Regulatory use and Routine production	30
Protection of the natural environment in the interests of the health or welfare of human beings or animals	1,658
Preservation of species	
Higher education or training for the acquisition, maintenance or improvement of vocational skills	4
Forensic enquiries	
Maintenance of colonies of established genetically altered animals, not used in other procedures	
Total of re-uses:	4,701



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

### Basic research purposes

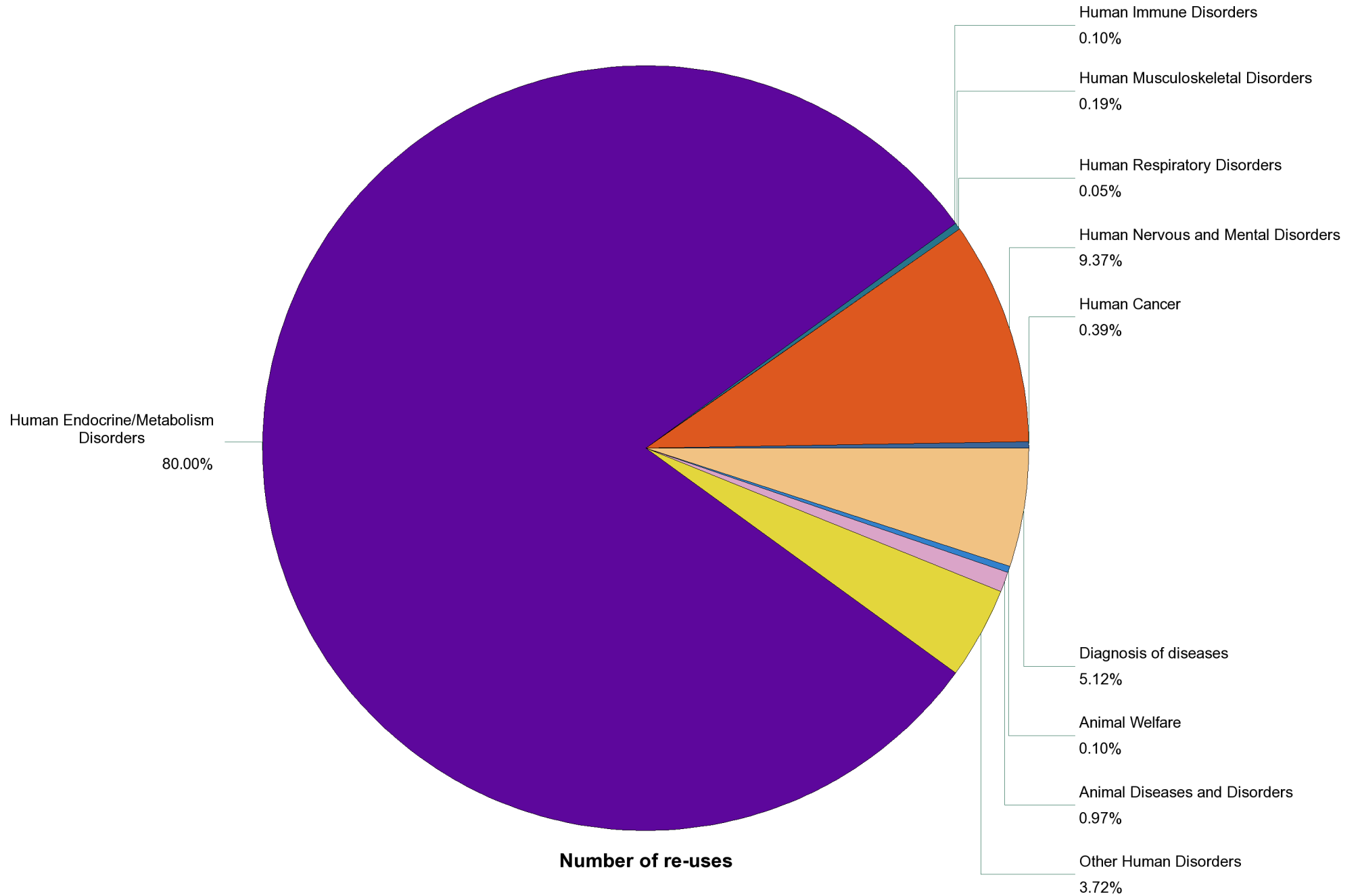
Purpose	Number of re-uses
Oncology	5
Cardiovascular Blood and Lymphatic System	95
Nervous System	155
Respiratory System	
Gastrointestinal System including Liver	4
Musculoskeletal System	5
Immune System	537
Urogenital/Reproductive System	
Sensory Organs (skin, eyes and ears)	20
Endocrine System/Metabolism	77
Multisystemic	
Ethology / Animal Behaviour /Animal Biology	41
Other basic research	
<b>Total of re-uses:</b>	<b>939</b>



### Translational and applied research purposes

Purpose	Number of re-uses
Human Cancer	8
Human Infectious Disorders	
Human Cardiovascular Disorders	
Human Nervous and Mental Disorders	194
Human Respiratory Disorders	1
Human Gastrointestinal Disorders including Liver	
Human Musculoskeletal Disorders	4
Human Immune Disorders	2
Human Urogenital/Reproductive Disorders	
Human Sensory Organ Disorders (skin, eyes and ears)	
Human Endocrine/Metabolism Disorders	1,656
Other Human Disorders	77
Animal Diseases and Disorders	20
Animal Welfare	2
Diagnosis of diseases	106
Plant diseases	
Non-regulatory toxicology and ecotoxicology	
<b>Total of re-uses:</b>	<b>2,070</b>

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

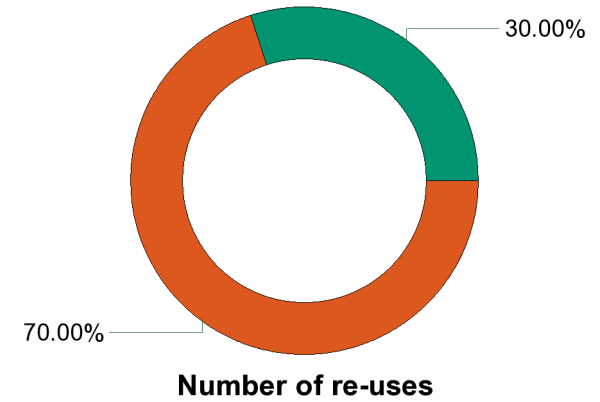


## DP.E.2. Purposes and re-use

### Regulatory use and routine production purposes

Purpose	Number of re-uses
Routine production	
Quality control (incl batch safety and potency testing)	
Other efficacy and tolerance testing	9
Toxicity and other safety testing including pharmacology	21
Total of re-uses:	30

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



### Quality control purposes

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

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

### Routine production purposes

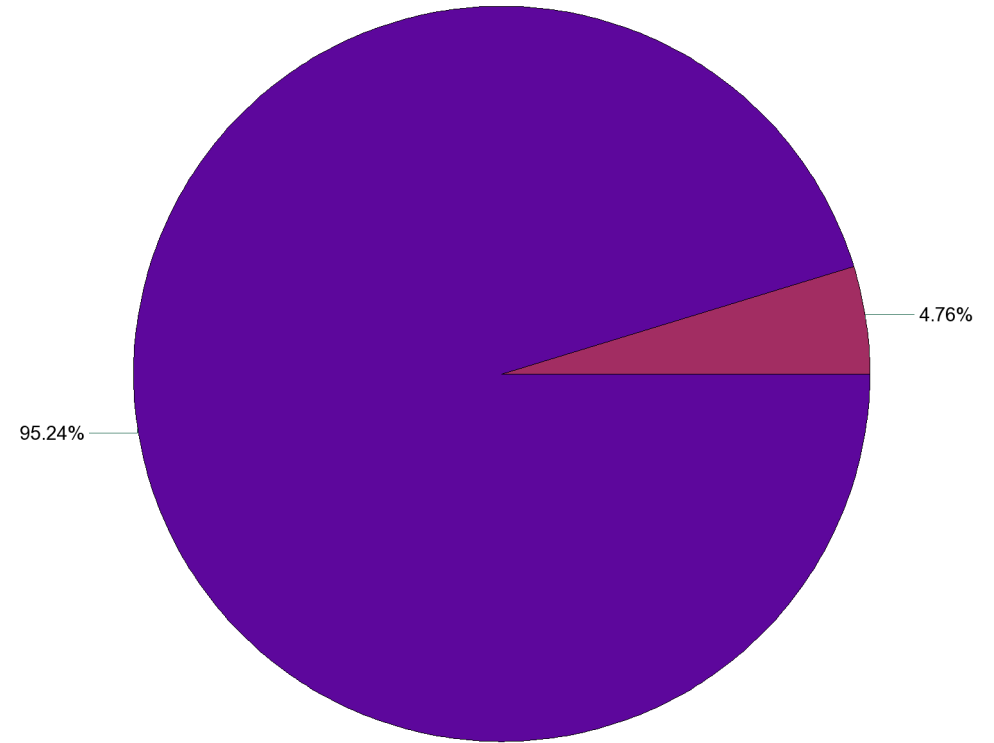
Purpose	Number of re-uses
Blood based products	
Monoclonal antibodies	
Other product types	
Total of re-uses:	

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

### 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	1
Carcinogenicity	
Genotoxicity	
Reproductive toxicity	
Developmental toxicity	
Neurotoxicity	
Kinetics	20
Pharmaco-dynamics (incl safety pharmacology)	
Phototoxicity	
Ecotoxicity	
Safety testing in food and feed area	
Target animal safety	
Other toxicity/safety testing	
<b>Total of re-uses:</b>	<b>21</b>

- 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



**Number of re-uses**



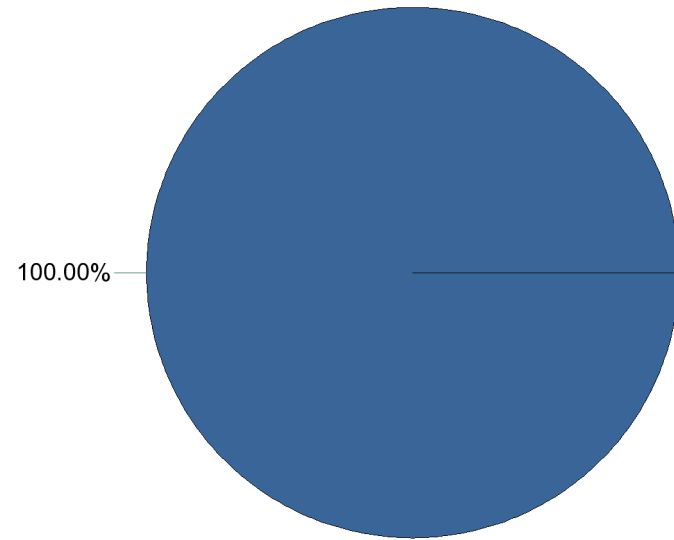


## DP.E.2. Purposes and re-use

### Repeated dose toxicity purposes

Purpose	Number of re-uses
up to 28 days	1
29 - 90 days	
> 90 days	
Total of re-uses:	1

- 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:	