

DP.E.2. Purposes and re-use

Data inclusion criteria

Report year: 2015

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

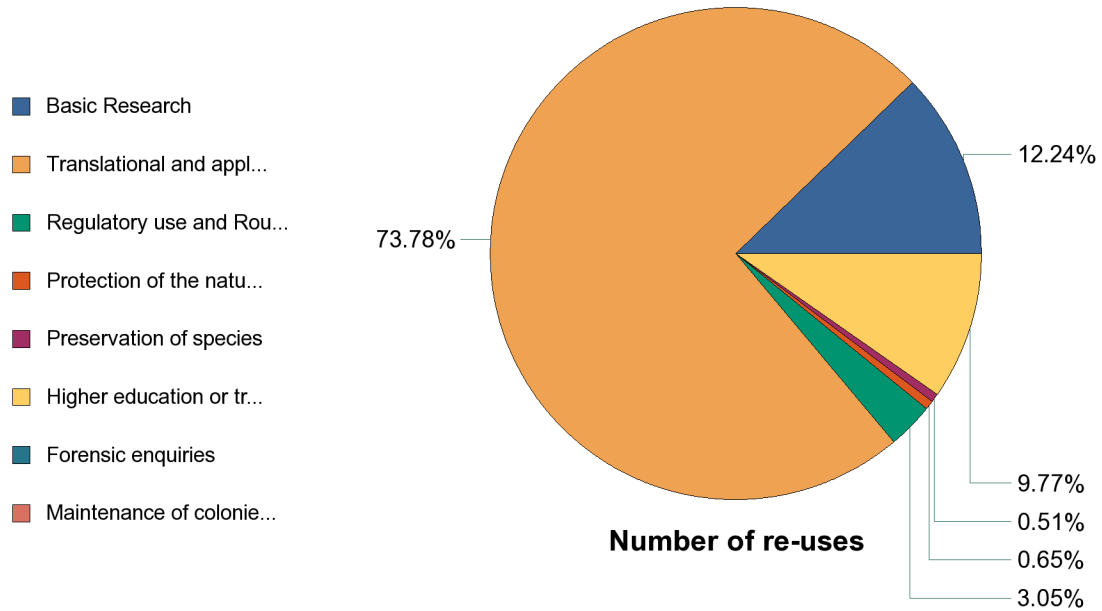
<http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:02012D0707-20140115>

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

DP.E.2. Purposes and re-use

Primary purposes

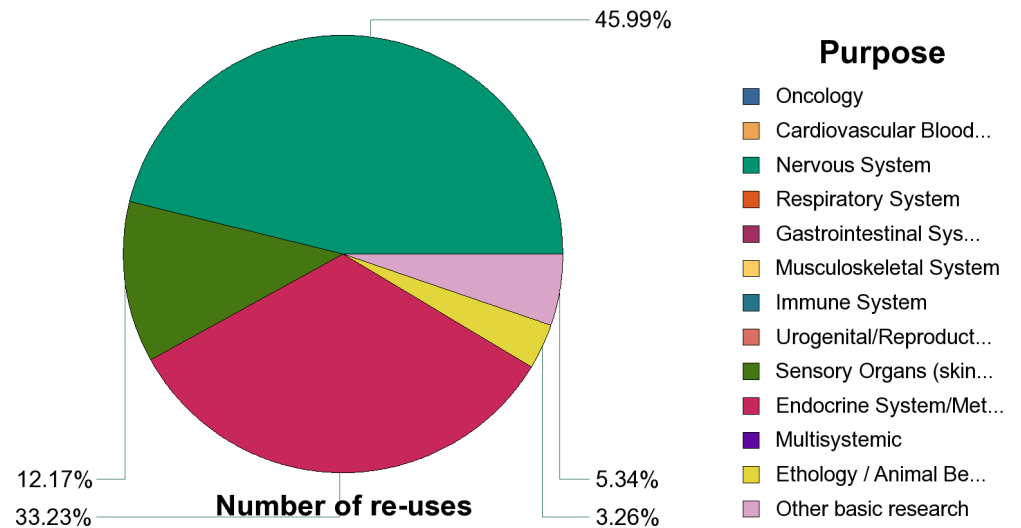
Purpose	Number of re-uses
Basic Research	337
Translational and applied research	2,032
Regulatory use and Routine production	84
Protection of the natural environment in the interests of the health or welfare of human beings or animals	18
Preservation of species	14
Higher education or training for the acquisition, maintenance or improvement of vocational skills	269
Forensic enquiries	
Maintenance of colonies of established genetically altered animals, not used in other procedures	
Total of re-uses:	2,754



DP.E.2. Purposes and re-use

Basic research purposes

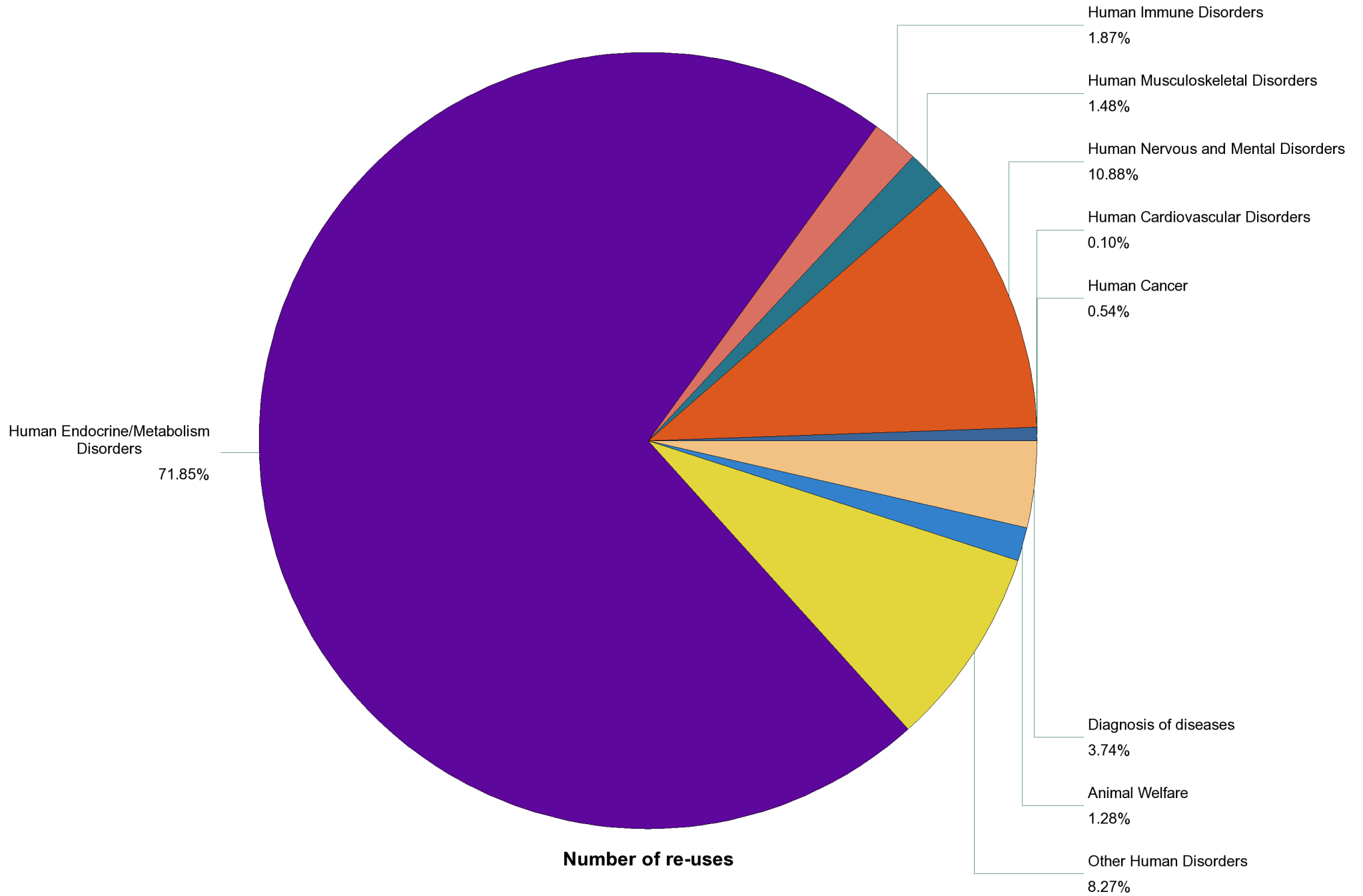
Purpose	Number of re-uses
Oncology	
Cardiovascular Blood and Lymphatic System	
Nervous System	155
Respiratory System	
Gastrointestinal System including Liver	
Musculoskeletal System	
Immune System	
Urogenital/Reproductive System	
Sensory Organs (skin, eyes and ears)	41
Endocrine System/Metabolism	112
Multisystemic	
Ethology / Animal Behaviour /Animal Biology	11
Other basic research	18
Total of re-uses:	337



Translational and applied research purposes

Purpose	Number of re-uses
Human Cancer	11
Human Infectious Disorders	
Human Cardiovascular Disorders	2
Human Nervous and Mental Disorders	221
Human Respiratory Disorders	
Human Gastrointestinal Disorders including Liver	
Human Musculoskeletal Disorders	30
Human Immune Disorders	38
Human Urogenital/Reproductive Disorders	
Human Sensory Organ Disorders (skin, eyes and ears)	
Human Endocrine/Metabolism Disorders	1,460
Other Human Disorders	168
Animal Diseases and Disorders	
Animal Welfare	26
Diagnosis of diseases	76
Plant diseases	
Non-regulatory toxicology and ecotoxicology	
Total of re-uses:	2,032

DP.E.2. Purposes and re-use

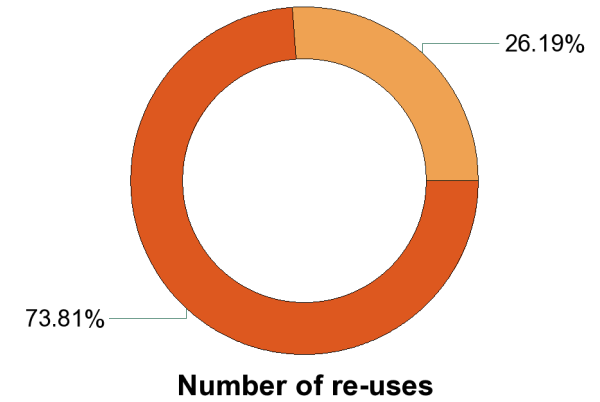


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Regulatory use and routine production purposes

Purpose	Number of re-uses
Routine production	
Quality control (incl batch safety and potency testing)	22
Other efficacy and tolerance testing	
Toxicity and other safety testing including pharmacology	62
Total of re-uses:	84

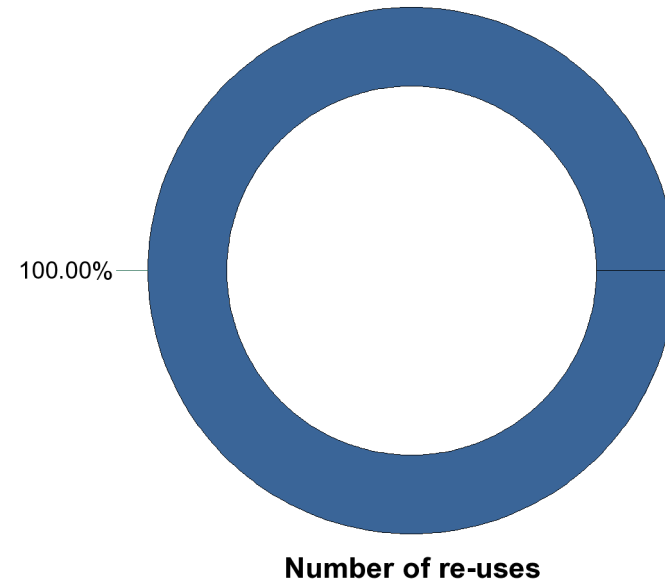
- Routine production
- Quality control (incl b...
- Other efficacy and tole...
- Toxicity and other safe...



Quality control purposes

Purpose	Number of re-uses
Batch safety testing	22
Pyrogenicity testing	
Batch potency testing	
Other quality controls	
Total of re-uses:	22

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



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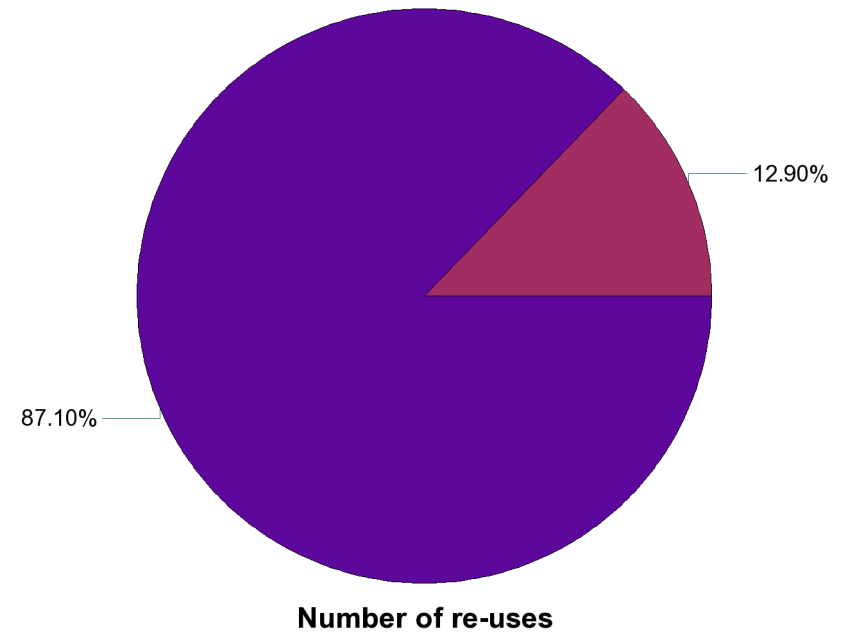
Routine production purposes

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	8
Carcinogenicity	
Genotoxicity	
Reproductive toxicity	
Developmental toxicity	
Neurotoxicity	
Kinetics	54
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:	62

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

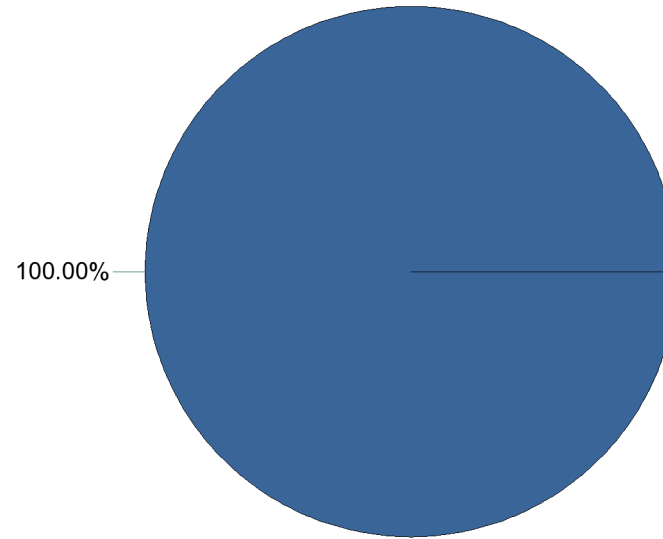


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Repeated dose toxicity purposes

Purpose	Number of re-uses
up to 28 days	8
29 - 90 days	
> 90 days	
Total of re-uses:	8

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



Number of re-uses

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Acute and sub-acute toxicity testing methods

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

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Ecotoxicity purposes

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