

## DP.1.1 Control tables trending report

### Data inclusion criteria

Report year 1 : 2020

Report year 2 : 2019

Report year 3 : 2018

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

Creation of New GL: ALL

Purpose Category level 1: ALL

Purpose Category level 2: ALL

Purpose Category level 3: ALL

Purpose Category level 4: ALL

Re-use: ALL

Place of Birth: ALL

NHP Generation: ALL

NHP Source (origin): ALL

Legislative Requirement: ALL

Testing by Legislation: ALL

Severity: ALL

EC ID: ALL

Id 1: ALL

Id 2: ALL

Id 3: ALL

### Narrative

This report shows the total number of uses in all of the harmonised reported categories for the selected years, including for non-EU submissions (unless specifically excluded). It provides at a glance information facilitating quality control of submitted data by highlighting in blue font for an increase from one year to another and in green font a decrease from one year to another.

Created on: 5/18/21 1:50:39 PM GMT+02:00

## DP.1.1 Control tables trending report

EU Submission	Number of use in 2020	Number of use in 2019	Number of use in 2018
Yes	261,750	258,020	254,848
No	0	0	0
<b>Total uses</b>	<b>261,750</b>	<b>258,020</b>	<b>254,848</b>

Re-Use	Number of use in 2020	Number of use in 2019	Number of use in 2018
No	259,411	252,987	249,747
Yes	2,339	5,033	5,101
<b>Total uses</b>	<b>261,750</b>	<b>258,020</b>	<b>254,848</b>

Creation of New GL	Number of use in 2020	Number of use in 2019	Number of use in 2018
No	260,462	255,568	250,918
Yes	1,288	2,452	3,930
<b>Total uses</b>	<b>261,750</b>	<b>258,020</b>	<b>254,848</b>

Genetic Status	Number of use in 2020	Number of use in 2019	Number of use in 2018
Not genetically altered	222,721	224,223	214,436
Genetically altered without a harmful phenotype	33,043	28,337	29,991
Genetically altered with a harmful phenotype	5,986	5,460	10,421
<b>Total uses</b>	<b>261,750</b>	<b>258,020</b>	<b>254,848</b>

Severity	Number of use in 2020	Number of use in 2019	Number of use in 2018
Non-recovery	7,994	11,209	14,125
Mild [up to and including]	130,227	128,955	155,583
Moderate	119,742	113,738	82,231
Severe	3,787	4,118	2,909
<b>Total uses</b>	<b>261,750</b>	<b>258,020</b>	<b>254,848</b>

Animal Species	Number of use in 2020	Number of use in 2019	Number of use in 2018
Mice	156,705	167,699	177,971
Rats	33,349	37,777	37,280
Guinea-Pigs	2,249	3,913	2,659
Hamsters (Syrian)	111	6	292
Hamsters (Chinese)	0	0	0
Mongolian gerbil	0	0	0
Other rodents	0	33	13
Rabbits	2,344	2,304	3,116
Cats	6	1	3
Dogs	589	379	370
Ferrets	0	0	0
Other carnivores	6,128	3,843	3,347
Horses, donkeys and cross-breeds	16	51	181
Pigs	8,816	8,643	7,643
Goats	27	51	13
Sheep	67	18	78
Cattle	743	1,185	1,999
Prosimians	0	0	0
Marmoset and tamarins	0	0	0
Cynomolgus monkey	0	0	0
Rhesus monkey	0	0	0
Vervets (Chlorocebus spp.)	0	0	0
Baboons	0	0	0
Squirrel monkey	0	0	0
Other species of Old World Monkeys (Cercopithecoidea)	0	0	0
Other species of New World Monkeys (Ceboidea)	0	0	0
Apes	0	0	0
Other mammals	36	42	29
Domestic fowl	621	1,269	2,283
Other birds	401	439	559
Reptiles	24	53	155
Rana	792	452	809
Xenopus	390	391	1,389
Other amphibians	16	72	94
Zebra fish	8,539	4,657	2,677
Other fish	39,781	24,742	11,888
Cephalopods	0	0	0
<b>Total uses</b>	<b>261,750</b>	<b>258,020</b>	<b>254,848</b>

## DP.1.1 Control tables trending report

Place of Birth	Number of use in 2020	Number of use in 2019	Number of use in 2018
Animals born in the EU at a registered breeder	186,563	205,782	216,478
Animals born in the EU but not at a registered breeder	67,045	39,643	23,727
Animals born in rest of Europe	483	1,283	2,866
Animals born in rest of world	5,320	6,279	6,676
<b>Total uses</b>	<b>259,411</b>	<b>252,987</b>	<b>249,747</b>

Place of Birth	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
Animals born in the EU at a registered breeder	71.92%	81.34%	86.68%
Animals born in the EU but not at a registered breeder	25.85%	15.67%	9.50%
Animals born in rest of Europe	0.19%	0.51%	1.15%
Animals born in rest of world	2.05%	2.48%	2.67%
<b>Total uses</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

NHP Source (origin)	Number of use in 2020	Number of use in 2019	Number of use in 2018
Animals born at a registered breeder within EU	0	0	0
Animals born in rest of Europe	0	0	0
Animals born in Asia	0	0	0
Animals born in America	0	0	0
Animals born in Africa	0	0	0
Animals born elsewhere	0	0	0
<b>Total uses</b>	<b>0</b>	<b>0</b>	<b>0</b>

NHP Source (origin)	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
Animals born at a registered breeder within EU	0.00%	0.00%	0.00%
Animals born in rest of Europe	0.00%	0.00%	0.00%
Animals born in Asia	0.00%	0.00%	0.00%
Animals born in America	0.00%	0.00%	0.00%
Animals born in Africa	0.00%	0.00%	0.00%
Animals born elsewhere	0.00%	0.00%	0.00%
<b>Total uses</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>

NHP Generation	Number of use in 2020	Number of use in 2019	Number of use in 2018
F0	0	0	0
F1	0	0	0
F2 or greater	0	0	0
Self-sustaining colony	0	0	0
<b>Total uses</b>	<b>0</b>	<b>0</b>	<b>0</b>

NHP Generation	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
F0	0.00%	0.00%	0.00%
F1	0.00%	0.00%	0.00%
F2 or greater	0.00%	0.00%	0.00%
Self-sustaining colony	0.00%	0.00%	0.00%
<b>Total uses</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>

## DP.1.1 Control tables trending report

Species grouping Level 1	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
Warm-blooded vertebrates	81.07%	88.23%	93.32%
Cold-blooded vertebrates	18.93%	11.77%	6.68%
Invertebrates	0.00%	0.00%	0.00%
<b>Total uses</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

Species grouping Level 2	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
Mammals	80.68%	87.57%	92.21%
Birds	0.39%	0.66%	1.12%
Fish	18.46%	11.39%	5.72%
Amphibians	0.46%	0.35%	0.90%
Reptiles	0.01%	0.02%	0.06%
Cephalopods	0.00%	0.00%	0.00%
<b>Total uses</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

Mammals	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
Rodents	91.11%	92.69%	92.86%
Rabbits	1.11%	1.02%	1.33%
Carnivores	3.18%	1.87%	1.58%
Equidae	0.01%	0.02%	0.08%
Artiodactyla	4.57%	4.38%	4.14%
Non-human primates	0.00%	0.00%	0.00%
Other mammals	0.02%	0.02%	0.01%
<b>Total uses</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

Non-human primates	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
Prosimians	0.00%	0.00%	0.00%
New World Monkeys	0.00%	0.00%	0.00%
Old World Monkeys	0.00%	0.00%	0.00%
Apes	0.00%	0.00%	0.00%
<b>Total uses</b>	<b>0.00%</b>	<b>0.00%</b>	<b>0.00%</b>

Re-Use	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
No	99.11%	98.05%	98.00%
Yes	0.89%	1.95%	2.00%
<b>Total uses</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

Creation of New GL	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
No	99.51%	99.05%	98.46%
Yes	0.49%	0.95%	1.54%
<b>Total uses</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

Genetic Status	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
Not genetically altered	85.09%	86.90%	84.14%
Genetically altered without a harmful phenotype	12.62%	10.98%	11.77%
Genetically altered with a harmful phenotype	2.29%	2.12%	4.09%
<b>Total uses</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

Severity	Percentage of use in 2020	Percentage of use in 2019	Percentage of use in 2018
Non-recovery	3.05%	4.34%	5.54%
Mild [up to and including]	49.75%	49.98%	61.05%
Moderate	45.75%	44.08%	32.27%
Severe	1.45%	1.60%	1.14%
<b>Total uses</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>

## DP.1.1 Control tables trending report

Purpose Category level 1	Number of use in 2020	Number of use in 2019	Number of use in 2018
Basic Research	84,354	93,991	105,655
Translational and applied research	142,008	127,123	117,116
Regulatory use and Routine production	20,426	20,841	24,225
Protection of the natural environment in the interests of the health or welfare of human beings or animals	3,031	4,930	1,598
Preservation of species	913	948	943
Higher education or training for the acquisition, maintenance or improvement of vocational skills	3,831	4,144	5,132
Forensic enquiries	0	0	0
Maintenance of colonies of established genetically altered animals, not used in other procedures	7,187	6,043	179
Non-EU Purpose	0	0	0
<b>Total uses</b>	<b>261,750</b>	<b>258,020</b>	<b>254,848</b>

Testing by Legislation	Number of use in 2020	Number of use in 2019	Number of use in 2018
Legislation on medicinal products for human use	19,712	19,439	22,960
Legislation on medicinal products for veterinary use and their residues	0	0	0
Medical devices legislation	666	489	351
Industrial chemicals legislation	0	844	634
Plant protection product legislation	0	0	0
Biocides legislation	0	0	0
Food legislation including food contact material	0	9	0
Feed legislation including legislation for the safety of target animals, workers and environment	0	0	0
Cosmetics legislation	0	0	0
Other legislation	48	60	280
<b>Total uses</b>	<b>20,426</b>	<b>20,841</b>	<b>24,225</b>

Legislative Requirement	Number of use in 2020	Number of use in 2019	Number of use in 2018
Legislation satisfying EU requirements	20,344	20,837	24,225
Legislation satisfying national requirements only [within EU]	48	0	0
Legislation satisfying Non-EU requirements only	34	4	0
<b>Total uses</b>	<b>20,426</b>	<b>20,841</b>	<b>24,225</b>

## DP.1.1 Control tables trending report

Basic research	Number of use in 2020	Number of use in 2019	Number of use in 2018
Oncology	10,469	18,505	22,010
Cardiovascular Blood and Lymphatic System	3,126	3,850	5,251
Nervous System	17,732	17,403	16,026
Respiratory System	859	279	2,608
Gastrointestinal System including Liver	7,435	6,395	3,682
Musculoskeletal System	1,334	1,484	2,935
Immune System	16,942	21,078	25,598
Urogenital/Reproductive System	2,396	1,631	1,238
Sensory Organs (skin, eyes and ears)	522	386	401
Endocrine System/Metabolism	14,100	12,396	11,514
Multisystemic	1,970	2,483	573
Ethology / Animal Behaviour /Animal Biology	659	3,669	6,370
Other basic research	6,810	4,432	7,449
<b>Total uses</b>	<b>84,354</b>	<b>93,991</b>	<b>105,655</b>

Translational and applied research	Number of use in 2020	Number of use in 2019	Number of use in 2018
Human Cancer	18,838	10,162	8,285
Human Infectious Disorders	10,334	9,524	7,899
Human Cardiovascular Disorders	4,031	4,897	4,200
Human Nervous and Mental Disorders	20,014	25,481	27,344
Human Respiratory Disorders	316	324	48
Human Gastrointestinal Disorders including Liver	2,087	3,081	303
Human Musculoskeletal Disorders	860	736	458
Human Immune Disorders	4,509	3,583	2,678
Human Urogenital/Reproductive Disorders	2,275	2,531	904
Human Sensory Organ Disorders (skin, eyes and ears)	208	288	126
Human Endocrine/Metabolism Disorders	30,931	40,466	44,747
Other Human Disorders	1,742	2,641	6,537
Animal Diseases and Disorders	35,931	20,308	9,314
Animal Welfare	7,222	2,203	2,516
Diagnosis of diseases	870	772	1,231
Plant diseases	0	0	0
Non-regulatory toxicology and ecotoxicology	1,840	126	526
<b>Total uses</b>	<b>142,008</b>	<b>127,123</b>	<b>117,116</b>

## DP.1.1 Control tables trending report

Regulatory use and routine production	Number of use in 2020	Number of use in 2019	Number of use in 2018
Quality control (incl batch safety and potency testing)	15,544	13,681	18,545
Other efficacy and tolerance testing	1,091	1,375	619
Toxicity and other safety testing including pharmacology	2,733	5,064	4,275
Routine production	1,058	721	786
<b>Total uses</b>	<b>20,426</b>	<b>20,841</b>	<b>24,225</b>

Regulatory use and routine production – Routine production	Number of use in 2020	Number of use in 2019	Number of use in 2018
Blood based products	996	687	786
Monoclonal antibody by mouse ascites method	0	0	0
Other product types	62	34	0
<b>Total uses</b>	<b>1,058</b>	<b>721</b>	<b>786</b>

Regulatory use and routine production – Quality control (incl batch safety and potency testing)	Number of use in 2020	Number of use in 2019	Number of use in 2018
Batch safety testing	2,366	2,470	3,484
Pyrogenicity testing	0	0	0
Batch potency testing	13,137	10,272	15,061
Other quality controls	41	939	0
<b>Total uses</b>	<b>15,544</b>	<b>13,681</b>	<b>18,545</b>

Regulatory use and routine production - Toxicity and other safety testing including pharmacology	Number of use in 2020	Number of use in 2019	Number of use in 2018
Acute and sub-acute	26	120	160
Skin irritation/corrosion	3	4	16
Skin sensitisation	32	74	118
Eye irritation/corrosion	0	0	0
Repeated dose toxicity	1,662	1,612	2,292
Carcinogenicity	0	0	0
Genotoxicity	0	22	0
Reproductive toxicity	0	35	480
Developmental toxicity	6	0	0
Neurotoxicity	0	0	0
Kinetics	253	510	361
Pharmaco-dynamics (incl safety pharmacology)	751	1,386	687
Phototoxicity	0	0	0
Ecotoxicity	0	1,292	154
Safety testing in food and feed area	0	9	0
Target animal safety	0	0	0
Other toxicity/safety testing	0	0	7
<b>Total uses</b>	<b>2,733</b>	<b>5,064</b>	<b>4,275</b>

## DP.1.1 Control tables trending report

Regulatory use and routine production – Toxicity and other safety testing including pharmacology – Repeated dose toxicity	Number of use in 2020	Number of use in 2019	Number of use in 2018
up to 28 days	866	657	1,174
29 - 90 days	502	651	895
> 90 days	294	304	223
<b>Total uses</b>	<b>1,662</b>	<b>1,612</b>	<b>2,292</b>

Regulatory use and routine production – Toxicity and other safety testing including pharmacology – Acute and sub-acute toxicity testing methods	Number of use in 2020	Number of use in 2019	Number of use in 2018
LD50, LC50	0	0	0
Other lethal methods	0	0	0
Non lethal methods	26	120	160
<b>Total uses</b>	<b>26</b>	<b>120</b>	<b>160</b>

Regulatory use and routine production – Toxicity and other safety testing including pharmacology – Ecotoxicity	Number of use in 2020	Number of use in 2019	Number of use in 2018
Acute toxicity	0	182	154
Chronic toxicity	0	1,110	0
Reproductive ecotoxicity	0	0	0
Endocrine activity	0	0	0
Bioaccumulation	0	0	0
Other ecotoxicity	0	0	0
<b>Total uses</b>	<b>0</b>	<b>1,292</b>	<b>154</b>