

DP.E.1. Purposes and severity

Data inclusion criteria

Report year: 2015

Country: Denmark

EU Submission: ALL

Re-use: ALL

Genetic status: ALL

Animal Species: ALL

Species grouping Level 1: ALL

Species grouping Level 2: ALL

Mammals: ALL

Testing by Legislation: ALL

Legislative Requirement: ALL

Non-human primates: ALL

Submission Id: ALL

Id 1: ALL

Id 2: ALL

Id 3: ALL

Narrative

This report shows the number of uses of animals with the actual severity experienced by animals broken down by high-level purposes.

It also provides details of the actual severity 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>

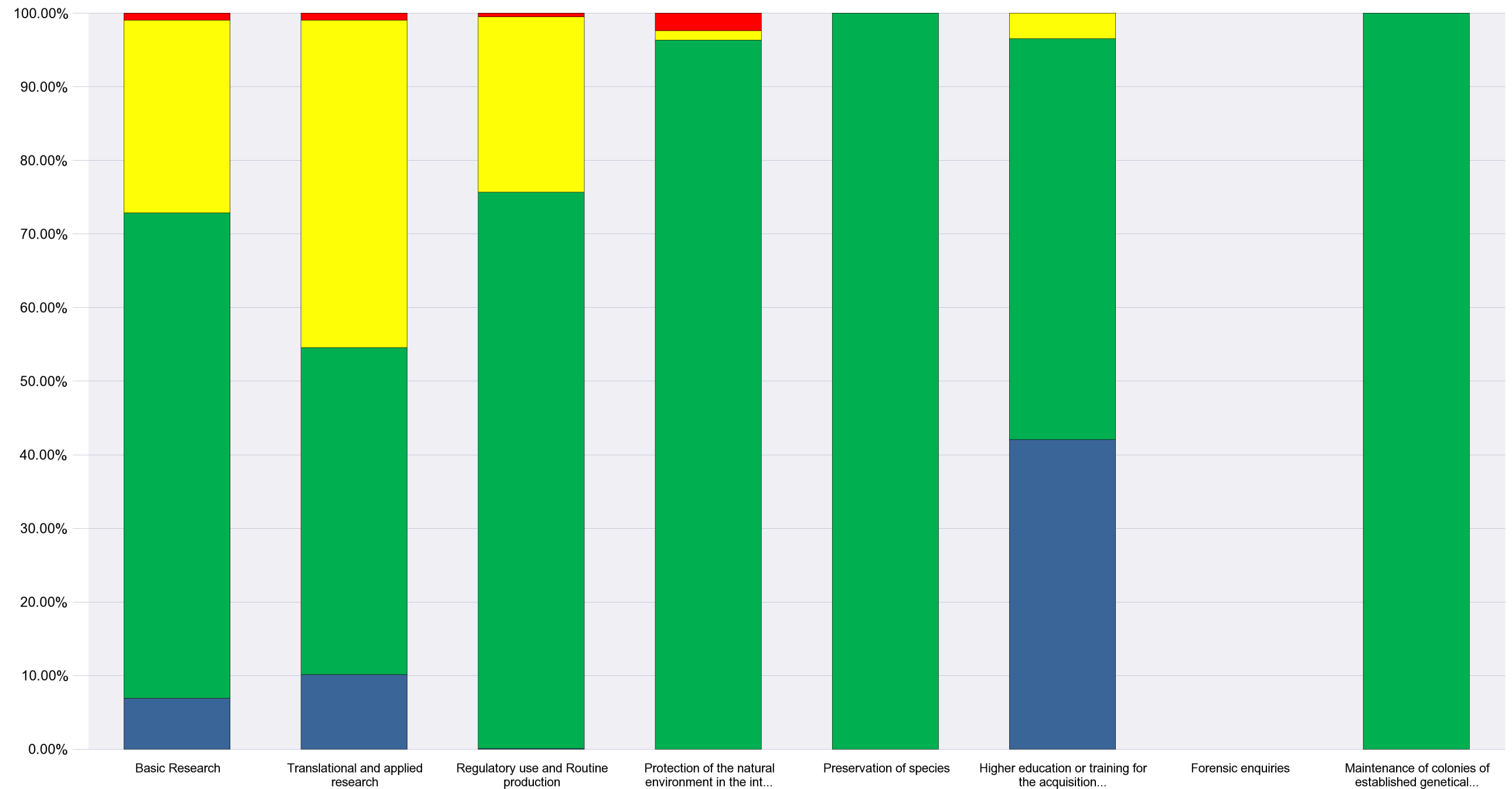
It shows both the first and all the subsequent uses of the animals completed in the reporting period (unless either option is specifically excluded in the data filtering criteria when selecting the report).

Created on: 19/06/16 11:10 AM GMT+01:00

DP.E.1. Purposes and severity

Primary purposes

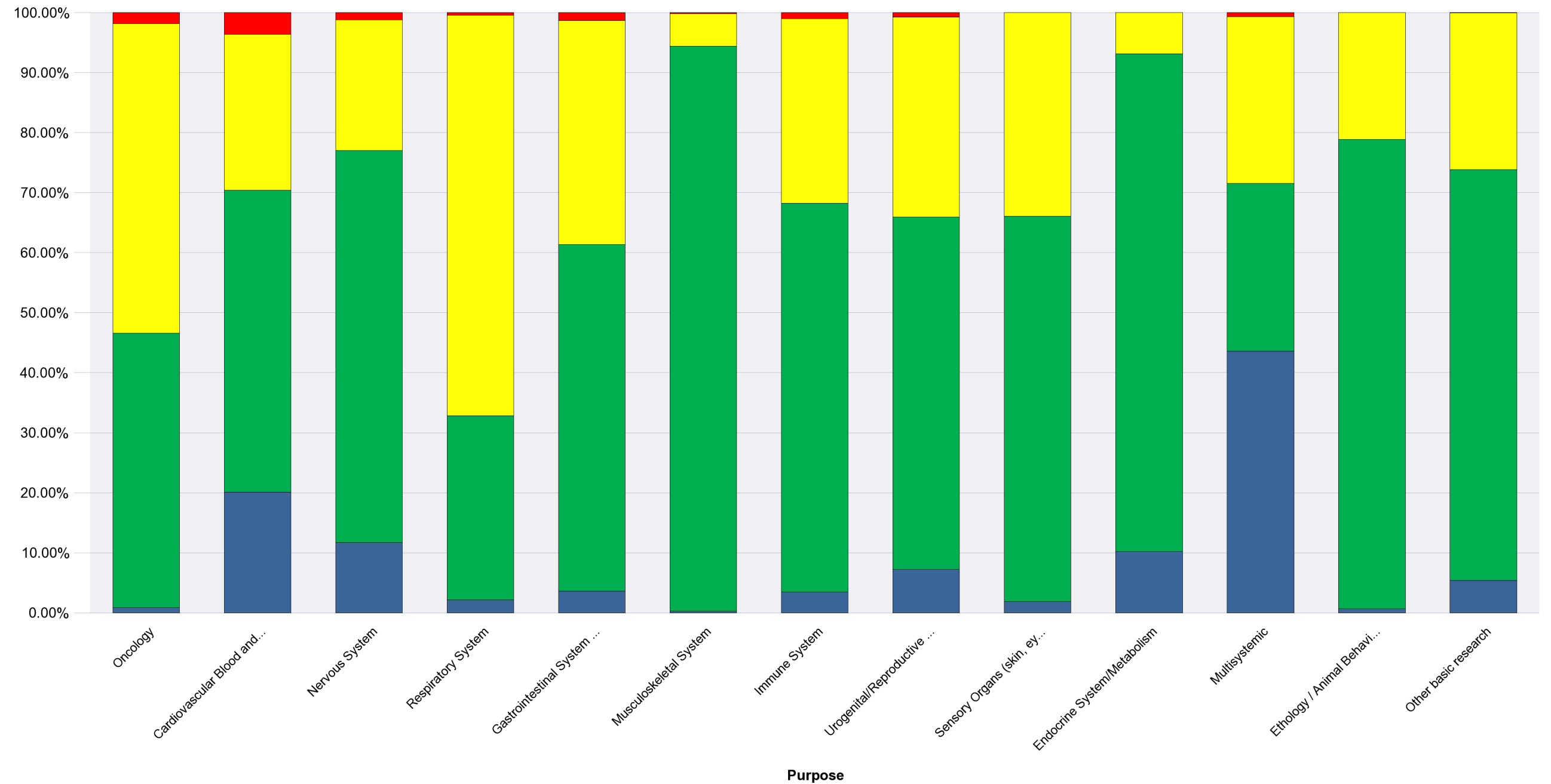
	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
Basic Research	6,154	58,666	23,295	829	88,944
Translational and applied research	12,492	54,879	54,910	1,158	123,439
Regulatory use and Routine production	22	17,356	5,460	118	22,956
Protection of the natural environment in the interests of the health or welfare of human beings or animals		2,563	34	63	2,660
Preservation of species		258			258
Higher education or training for the acquisition, maintenance or improvement of vocational skills	2,588	3,352	211		6,151
Forensic enquiries					
Maintenance of colonies of established genetically altered animals, not used in other procedures		3			3
Total uses	21,256	137,077	83,910	2,168	244,411
%	8.70%	56.08%	34.33%	0.89%	



DP.E.1. Purposes and severity

Basic research purposes

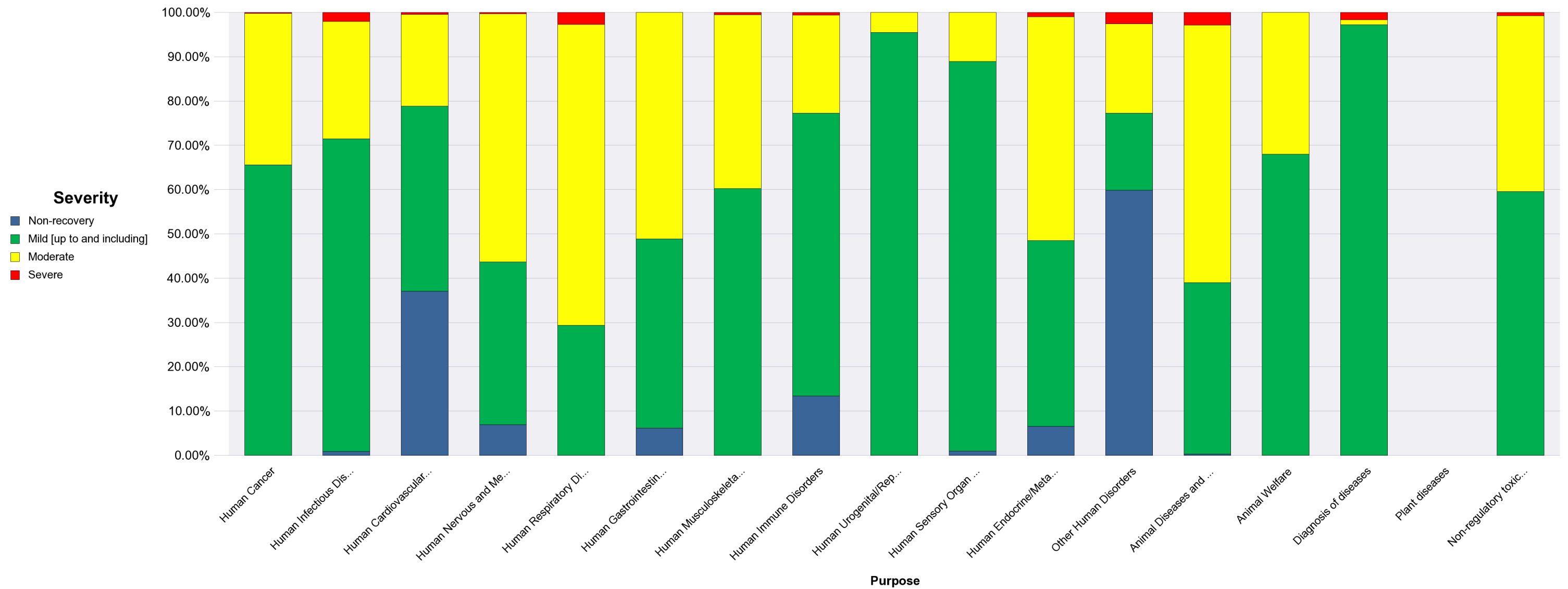
	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
Oncology	50	2,688	3,026	109	5,873
Cardiovascular Blood and Lymphatic System	976	2,447	1,262	175	4,860
Nervous System	1,843	10,272	3,427	183	15,725
Respiratory System	27	387	843	5	1,262
Gastrointestinal System including Liver	91	1,467	948	33	2,539
Musculoskeletal System	8	2,524	146	4	2,682
Immune System	1,012	18,938	9,004	292	29,246
Urogenital/Reproductive System	189	1,541	873	20	2,623
Sensory Organs (skin, eyes and ears)	28	965	510		1,503
Endocrine System/Metabolism	1,282	10,420	859		12,561
Multisystemic	385	247	245	6	883
Ethology / Animal Behaviour /Animal Biology	32	3,852	1,040		4,924
Other basic research	231	2,918	1,112	2	4,263
Total uses	6,154	58,666	23,295	829	88,944
%	6.92%	65.96%	26.19%	0.93%	



DP.E.1. Purposes and severity

Translational and applied research purposes

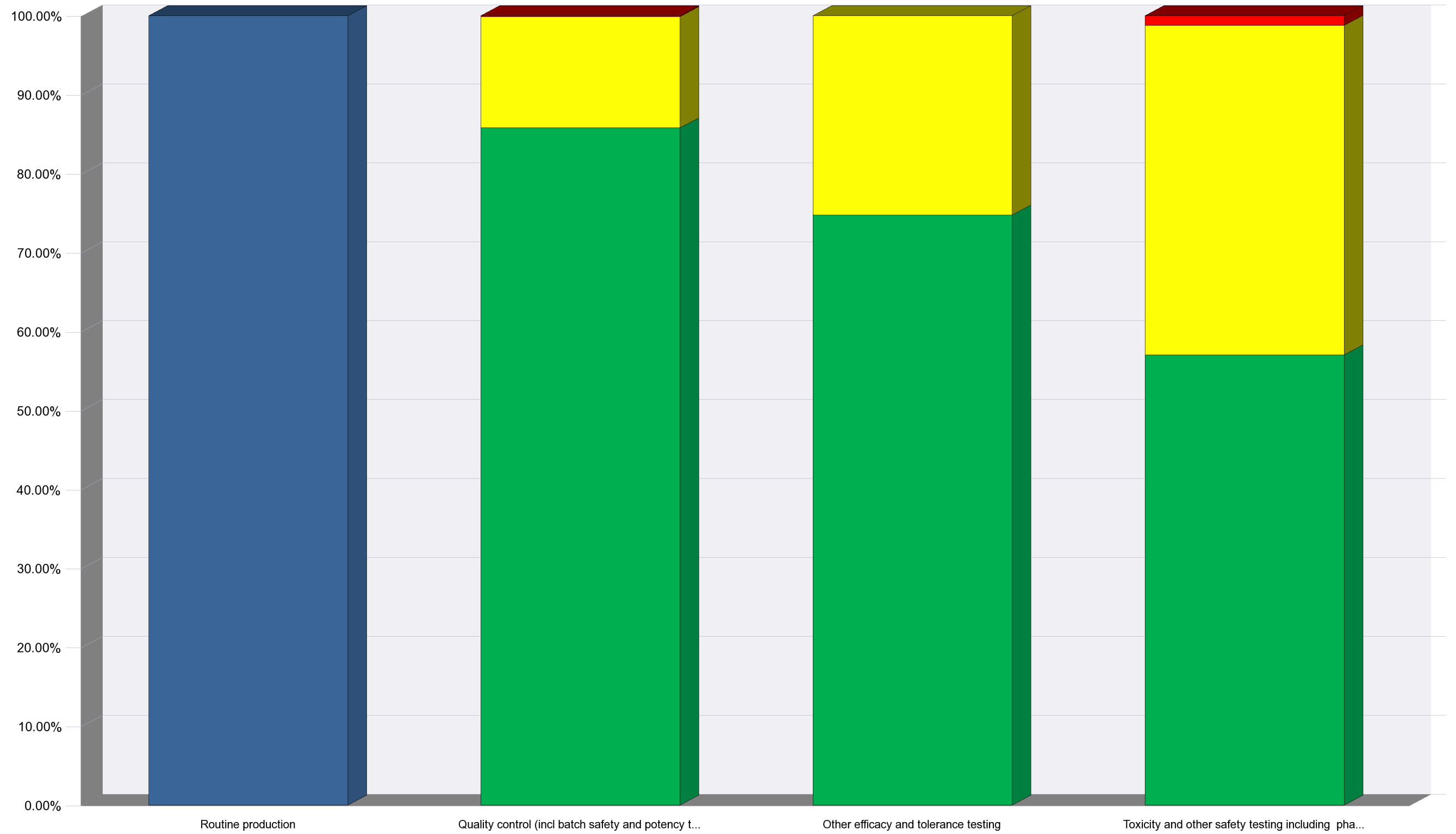
	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
Human Cancer	2	5,975	3,116	22	9,115
Human Infectious Disorders	40	3,305	1,242	96	4,683
Human Cardiovascular Disorders	520	587	291	6	1,404
Human Nervous and Mental Disorders	2,471	13,061	19,934	102	35,568
Human Respiratory Disorders		22	51	2	75
Human Gastrointestinal Disorders including Liver	16	110	132		258
Human Musculoskeletal Disorders		241	157	2	400
Human Immune Disorders	1,348	6,406	2,226	57	10,037
Human Urogenital/Reproductive Disorders		63	3		66
Human Sensory Organ Disorders (skin, eyes and ears)	8	750	94		852
Human Endocrine/Metabolism Disorders	2,596	16,737	20,111	395	39,839
Other Human Disorders	5,471	1,590	1,841	235	9,137
Animal Diseases and Disorders	20	3,076	4,609	229	7,934
Animal Welfare		2,209	1,039		3,248
Diagnosis of diseases		663	8	11	682
Plant diseases					
Non-regulatory toxicology and ecotoxicology		84	56	1	141
Total uses	12,492	54,879	54,910	1,158	123,439
%	10.12%	44.46%	44.48%	0.94%	



DP.E.1. Purposes and severity

Regulatory use and routine production purposes

	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
Routine production	21				21
Quality control (incl batch safety and potency testing)	1	12,712	2,087	19	14,819
Other efficacy and tolerance testing		71	24		95
Toxicity and other safety testing including pharmacology		4,573	3,349	99	8,021
Total uses	22	17,356	5,460	118	22,956
%	0.10%	75.61%	23.78%	0.51%	



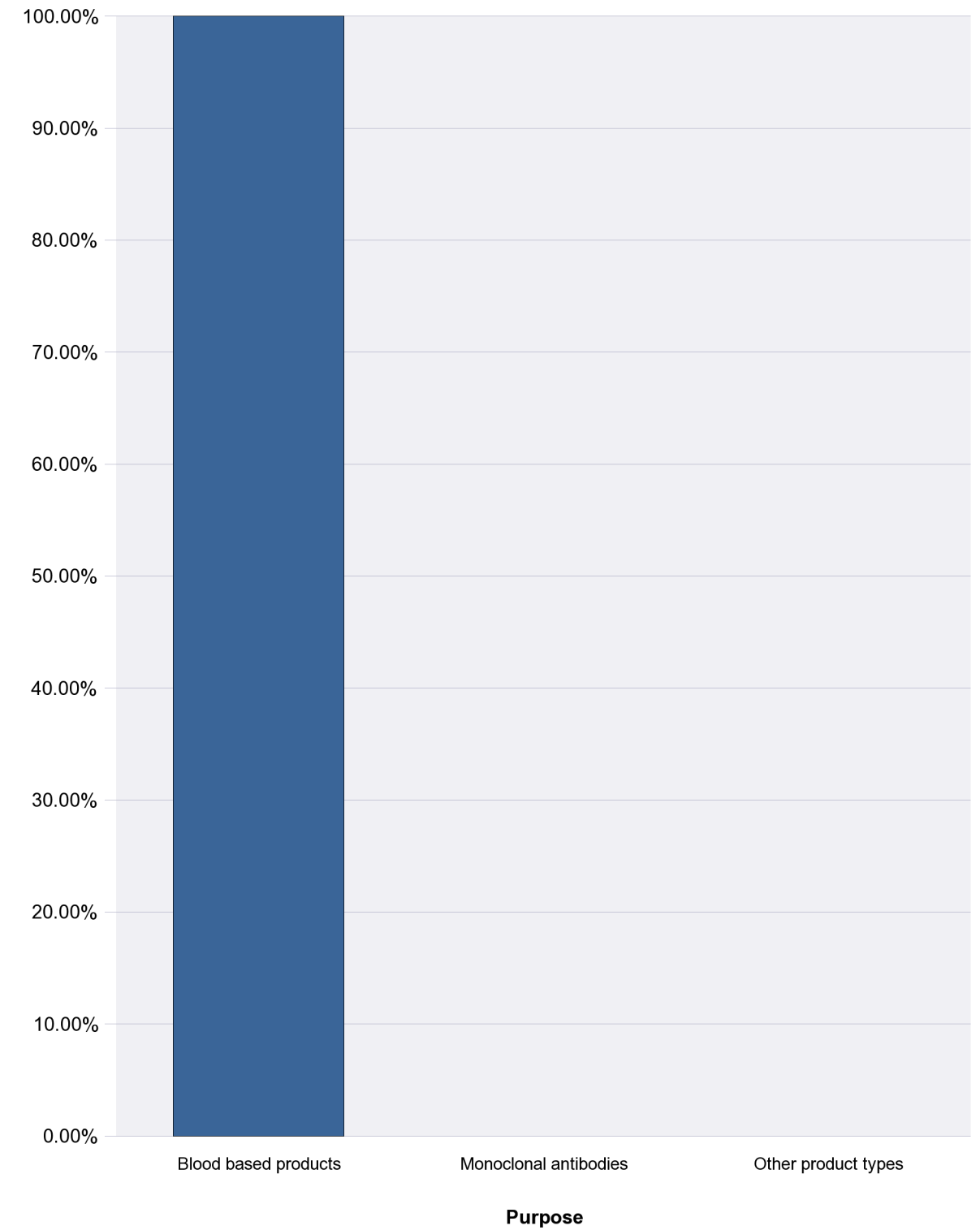
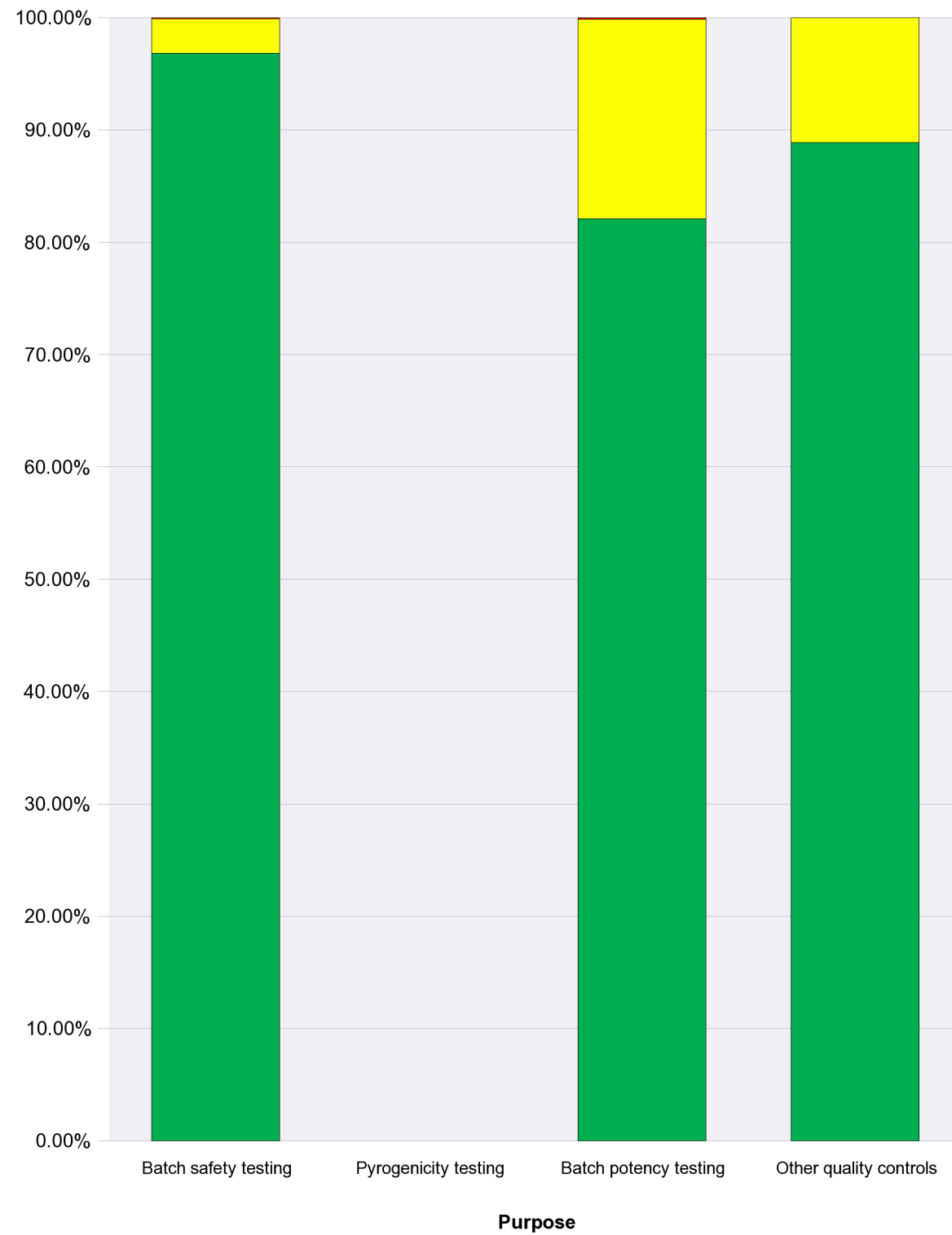
DP.E.1. Purposes and severity

Quality control purposes

	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
Batch safety testing		3,570	114	3	3,687
Pyrogenicity testing					
Batch potency testing	1	9,118	1,970	16	11,105
Other quality controls		24	3		27
Total uses	1	12,712	2,087	19	14,819
%	0.01%	85.78%	14.08%	0.13%	

Routine production purposes

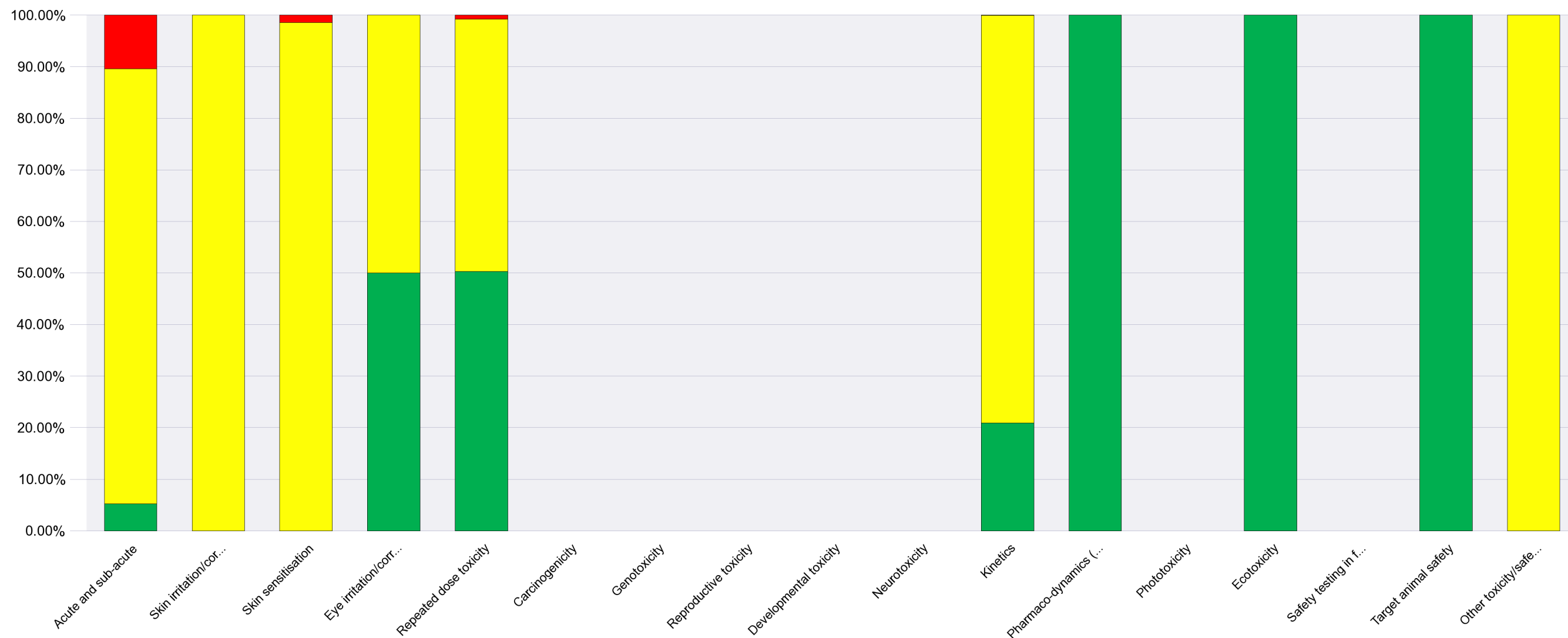
	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
Blood based products	21				21
Monoclonal antibodies					
Other product types					
Total uses	21				21
%	100.00%				



DP.E.1. Purposes and severity

Toxicity and other safety testing by test type purposes

	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses	
Acute and sub-acute		41		663	82	786
Skin irritation/corrosion				12		12
Skin sensitisation				136	2	138
Eye irritation/corrosion		3		3		6
Repeated dose toxicity		882		859	14	1,755
Carcinogenicity						
Genotoxicity						
Reproductive toxicity						
Developmental toxicity						
Neurotoxicity						
Kinetics		438		1,656	1	2,095
Pharmaco-dynamics (incl safety pharmacology)		9				9
Phototoxicity						
Ecotoxicity		3,080				3,080
Safety testing in food and feed area						
Target animal safety		120				120
Other toxicity/safety testing				20		20
Total uses		4,573		3,349	99	8,021
%		57.01%		41.75%	1.23%	



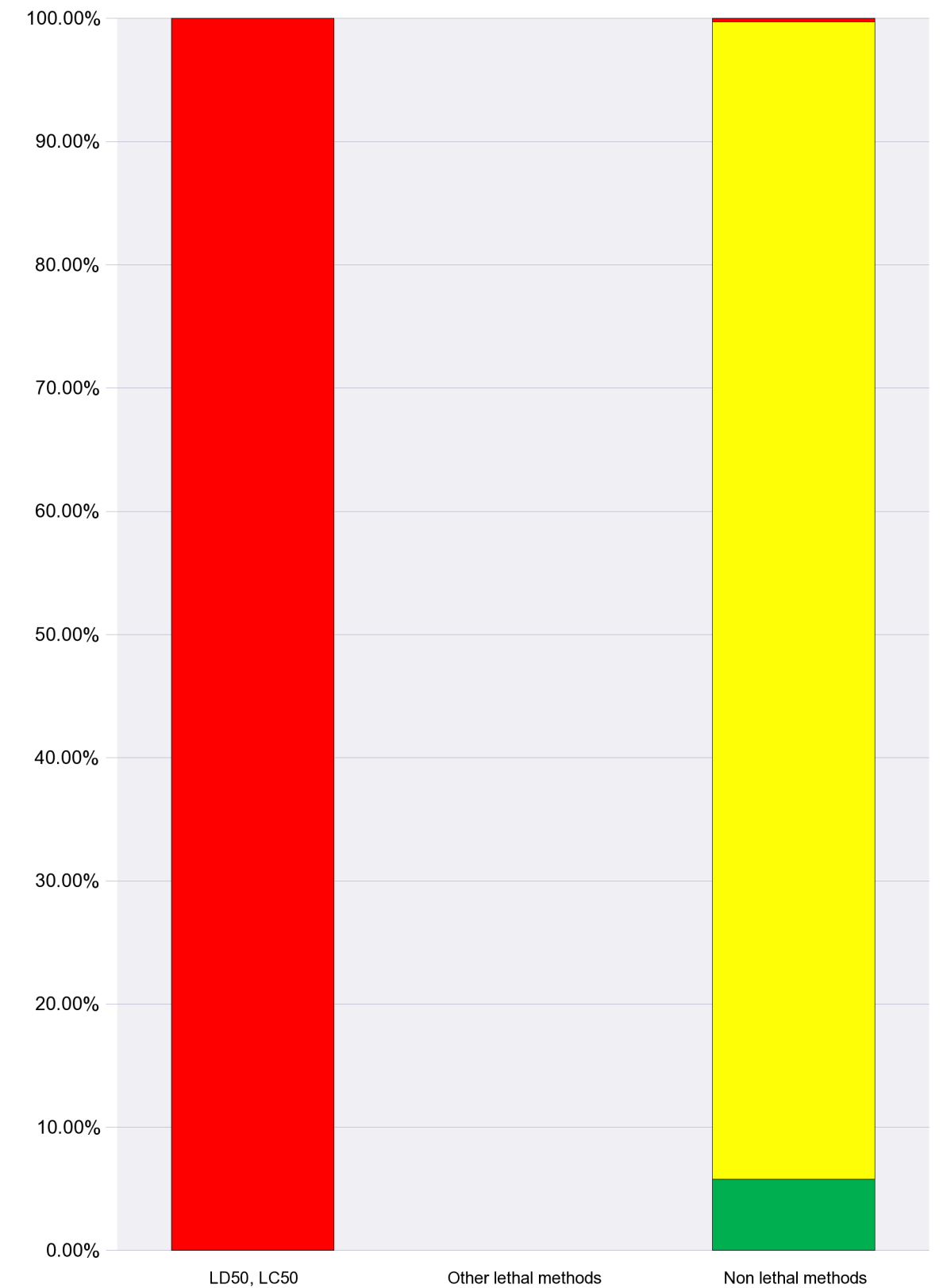
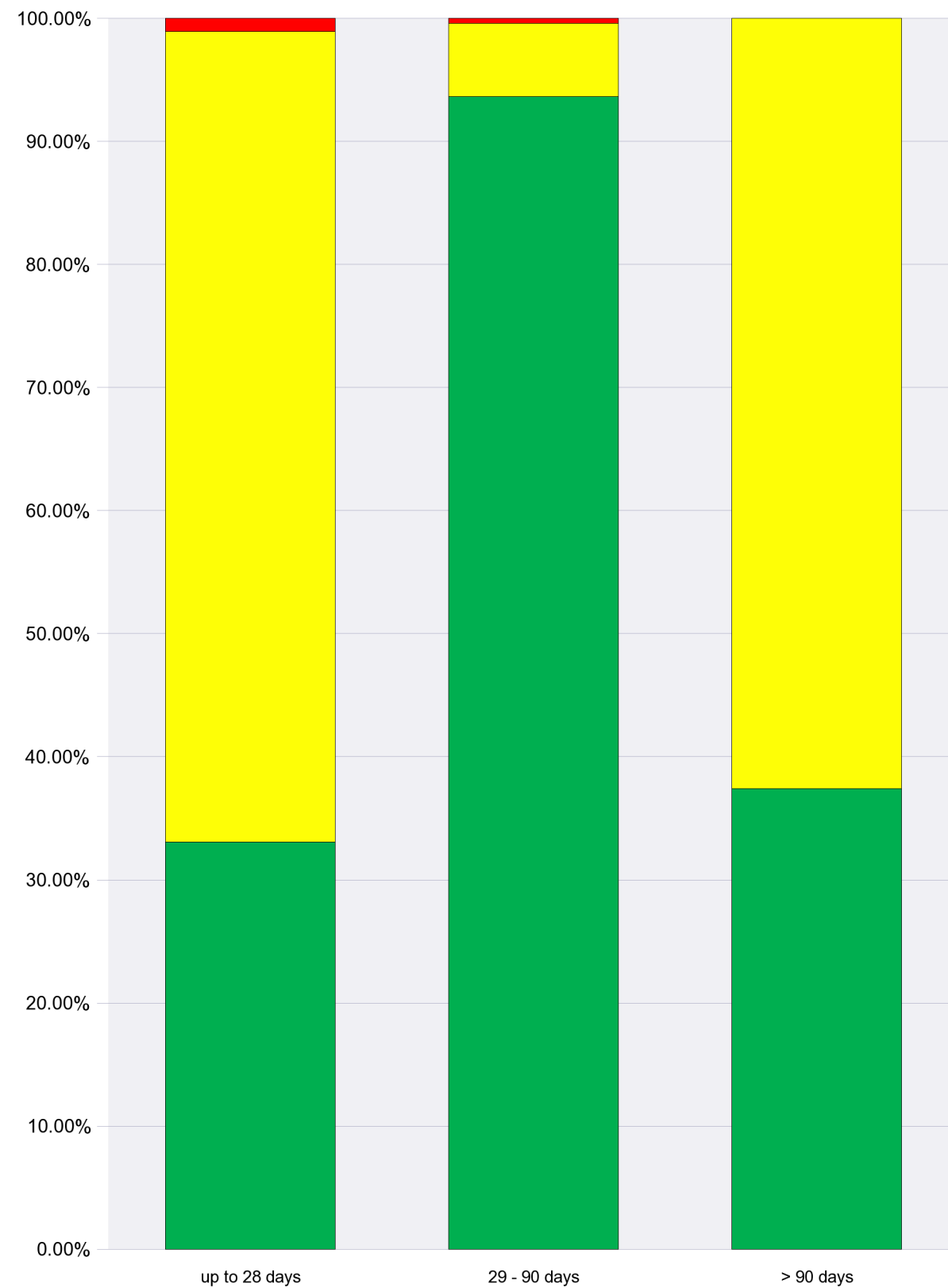
DP.E.1. Purposes and severity

Repeated dose toxicity purposes

	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
up to 28 days		376	748	12	1,136
29 - 90 days		457	29	2	488
> 90 days		49	82		131
Total uses		882	859	14	1,755
%		50.26%	48.95%	0.80%	

Acute and sub-acute toxicity testing methods

	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
LD50, LC50				80	80
Other lethal methods					
Non lethal methods		41	663	2	706
Total uses		41	663	82	786
%		5.22%	84.35%	10.43%	



DP.E.1. Purposes and severity

Ecotoxicity purposes

	Non-recovery	Mild [up to and including]	Moderate	Severe	Total uses
Acute toxicity					
Chronic toxicity		3,080			3,080
Reproductive ecotoxicity					
Endocrine activity					
Bioaccumulation					
Other ecotoxicity					
Total uses		3,080			3,080
%		100.00%			

