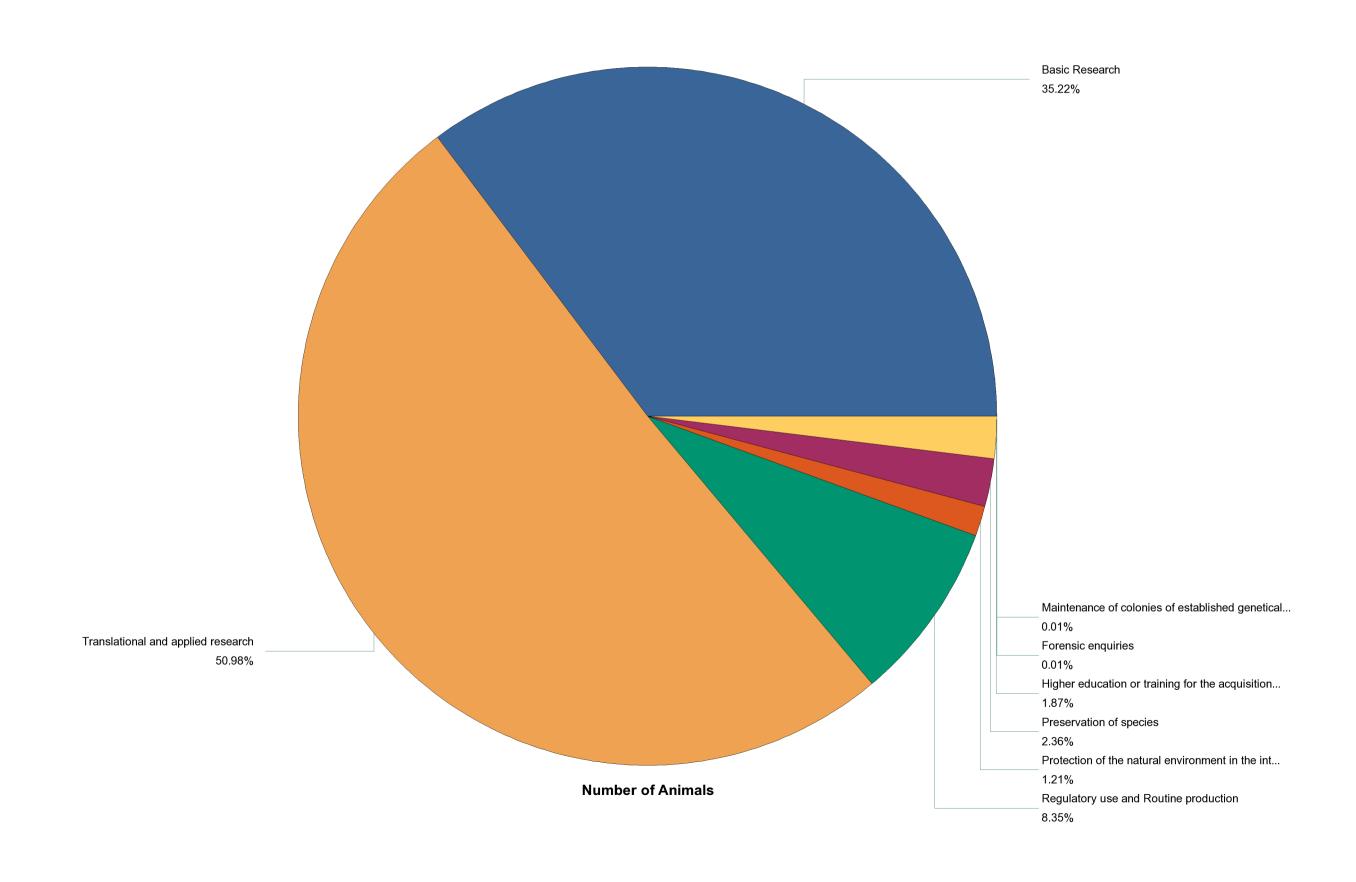
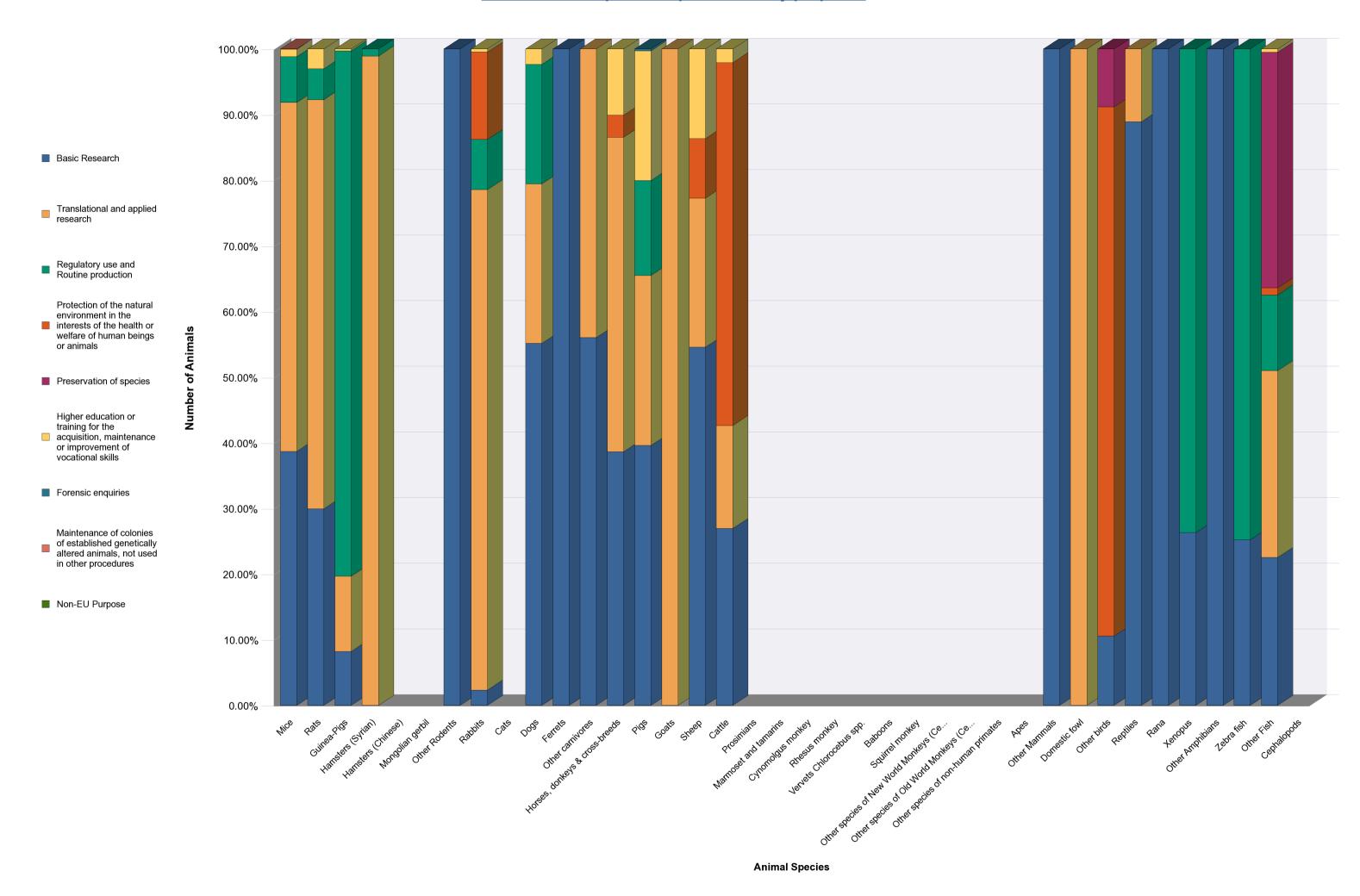
Primary purposes

		Translational and	Regulatory use and	Protection of the natural environment in the interests of the health or welfare of human beings or	Preservation of	Higher education or training for the acquisition, maintenance or improvement of		Maintenance of colonies of established genetically altered animals, not used in other	N. FIID	Total
Minn	Basic Research		-	animals	species		ł	-	Non-EU Purpose	404 500
Mice	63,656		11,451			1,920		29		164,522
Rats	11,52		1,813			1,157				38,498
Guinea-Pigs	242	2 338	2,359			8				2,947
Hamsters (Syrian)		279	3							282
Hamsters (Chinese)										
Mongolian gerbil										
Other Rodents	;	3								3
Rabbits	57	1,862	187	326		11				2,443
Cats										
Dogs	118	52	39			5				214
Ferrets	4	1								4
Other										1,035
carnivores	580	455								1,000
Horses, donkeys &						40				119
cross-breeds	46		007	4		12				5 000
Pigs	2,37		867			1,184	16			5,989
Goats	0.0	1		2		•				1
Sheep	36			6		9				66
Cattle	999	580		2,042		77				3,694
Prosimians										
Marmoset and tamarins										
Cynomolgus monkey										
Rhesus monkey										
Vervets Chlorocebus										
spp.										
Baboons										
Squirrel monkey										
Other species of New World Monkeys (Ceboidea)										
Other species										
of Old World Monkeys (Cercopithecoid ea)										
Other species of non-human primates										
Apes										
Other Mammals	28	3								28
Domestic fowl		466								466
Other birds	43			329	36					408
Reptiles	25									289
Rana	4									4
Xenopus	7!		210							285
Other										47
Amphibians	47	7								71

	Basic Research	Translational and applied research	Regulatory use and Routine production		Preservation of	Higher education or training for the acquisition, maintenance or improvement of vocational skills	Forensic enquiries	Maintenance of colonies of established genetically altered animals, not used in other procedures	Non-EU Purpose	Total
Zebra fish	4	00	1,187	,						1,587
Other Fish	3,5	17 4,440	1,800	168	5,601	80				15,606
Cephalopods										
Total	84,0	06 121,599	19,916	2,875	5,637	4,463	16	3		238,537

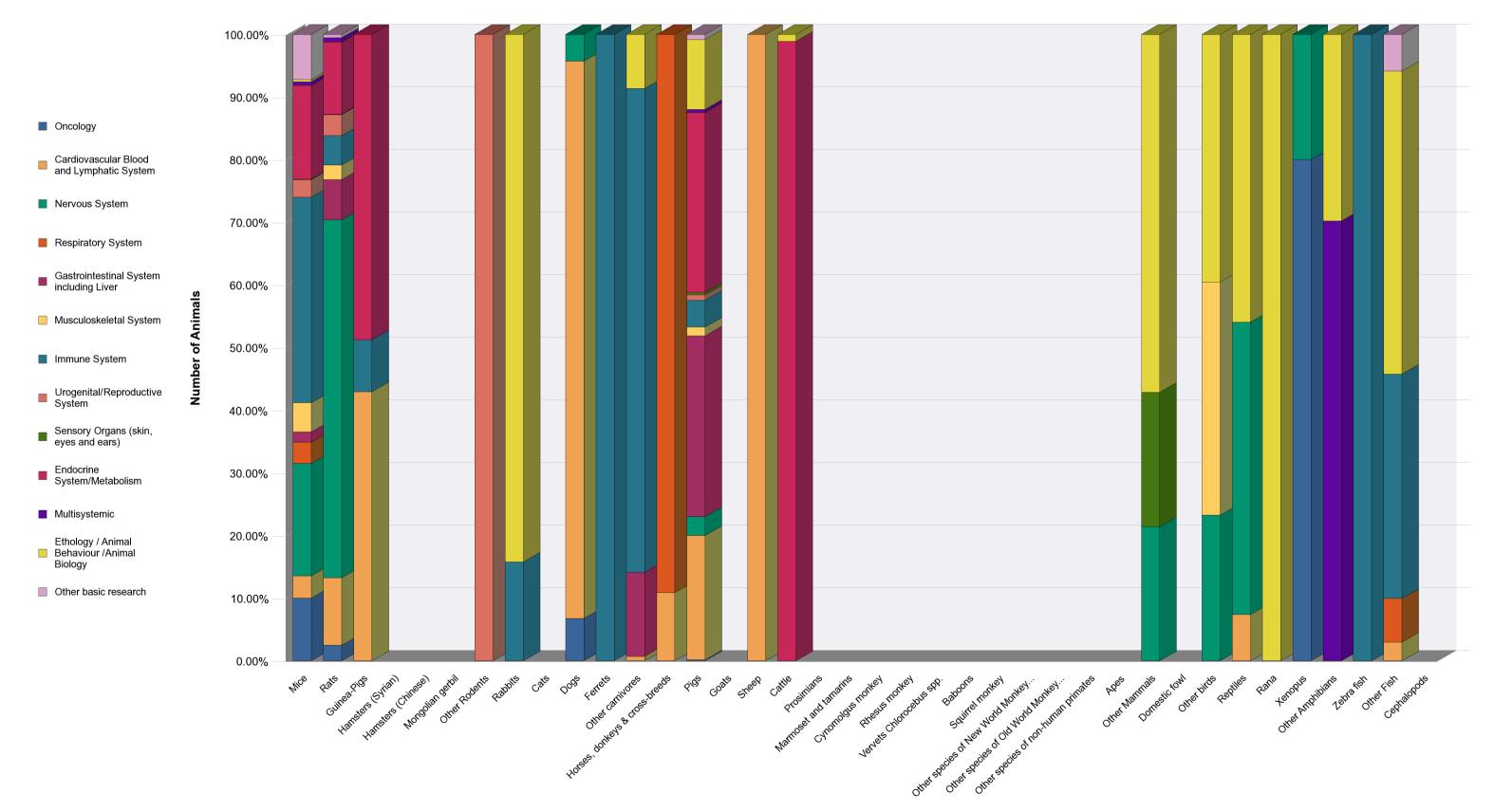




Basic research purposes

	Oncology	Cardiovascular Blood and Lymphatic System		Respiratory System	Gastrointestin al System including Liver		Immune System	Urogenital/ Reproductive System	Sensory Organs (skin, eyes and ears)	Endocrine System/ Metabolism		Ethology / Animal Behaviour / Animal Biology	Other basic research	Total
Mice	6,370											210		
Rats	285				738	271			9	.,			62	
Guinea-Pigs		104					20)		118				242
Hamsters (Syrian)														
Hamsters (Chinese)														
Mongolian gerbil														
Other Rodents									3					3
Rabbits							,)				48		57
Cats														
Dogs	8	105	5											118
Ferrets								1						4
Other carnivores		4			78		448	3				50		580
Horses, donkeys & cross-breeds		5		41										46
Pigs	4				684	33	102	2 2	0 10	681	11	265	19	2,371
Goats														
Sheep		36												36
Cattle										984		11		36 995
Prosimians														
Marmoset and tamarins														
Cynomolgus monkey														
Rhesus monkey														
Vervets Chlorocebus														
spp.														
Baboons														
Squirrel monkey														
Other species of New World Monkeys (Ceboidea)														
Other species of Old World Monkeys (Cercopithecoid														
ea) Other species of non-human primates														
Apes														
Other Mammals Domestic fowl			6							3		16		28
Other birds			10			16						17		43
Reptiles		19										118		43 257
Rana												4		4
Xenopus	60)	15											4 75
Other Amphibians											33	14		47
Zebra fish							400							400

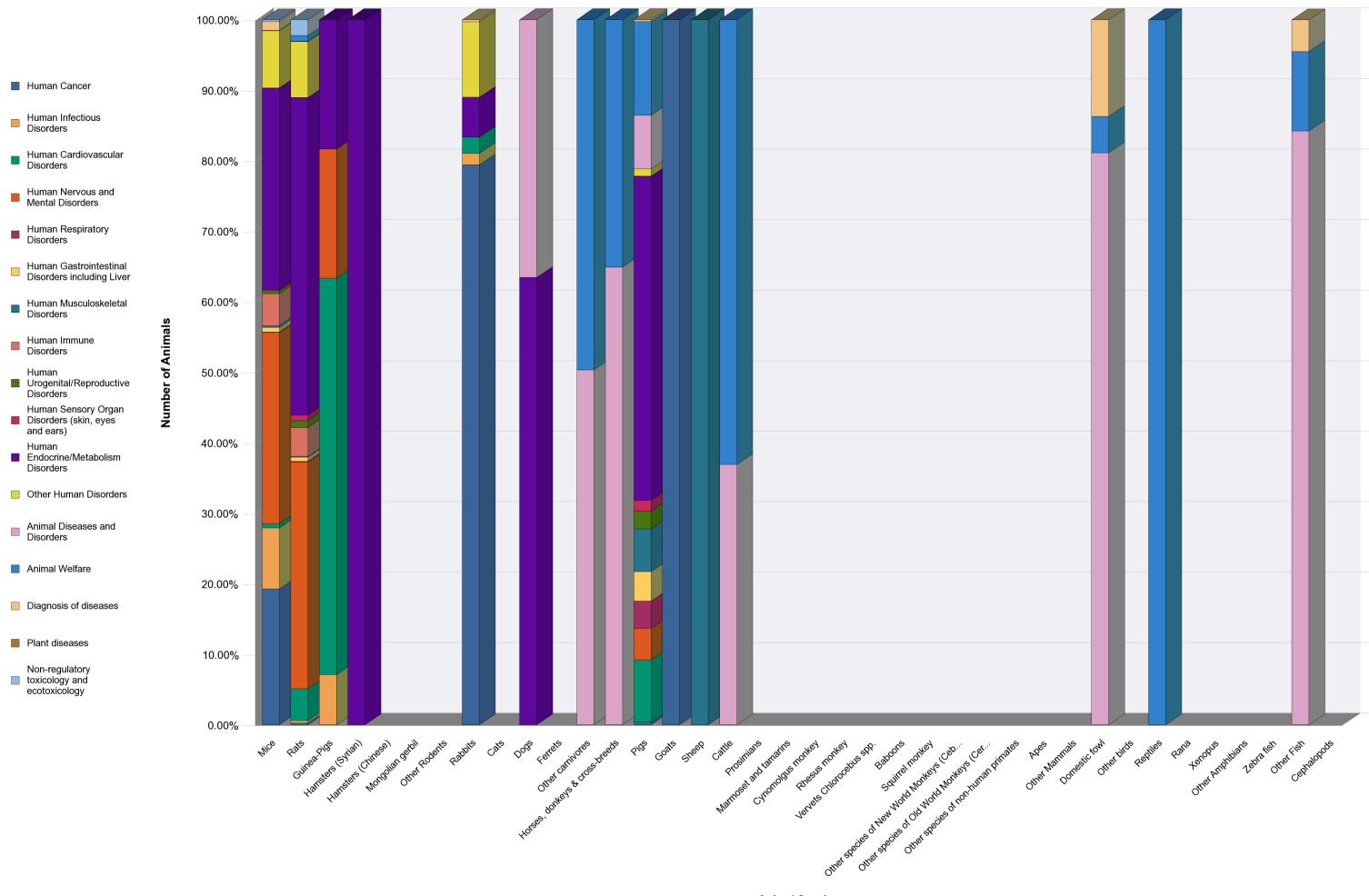
	Oncology	Cardiovascular Blood and Lymphatic System	Nervous System	Respiratory	Gastrointestin al System including Liver				Sensory Organs (skin, eyes and ears)	Endocrine System/ Metabolism		Ethology / Animal Behaviour / Animal Biology	Other basic research	Total
Other Fish		105		245			1,260					1,701	206	3,517
Cephalopods														
Total	6,727	4,354	18,254	2,444	2,529	3,280	23,667	2,220	77	12,632	485	2,454	4,883	84,006
%	8.01%	5.18%	21.73%	2.91%	3.01%	3.90%	28.17%	2.64%	0.09%	15.04%	0.58%	2.92%	5.81%	



Translational and applied research purposes

			Human	Human	Human	Human Gastrointe stinal	Human		Human Urogenital/	Human Sensory Organ	Human Endocrine/		Animal				Non- regulatory toxicology	Total
	Human	Human Infectious Disorders	Cardiovas cular Disorders	Nervous and Mental Disorders	Respirator y Disorders	including	Musculosk eletal Disorders	Human Immune	Reproducti ve Disorders	Disorders (skin, eyes	Metabolis m Disorders	Human	Diseases and Disorders	Animal Welfare	Diagnosis of diseases	Plant diseases	and ecotoxicol ogy	Total
Mice	16,878					80 56 ²					20 25,017				1,08		244	87,466
Rats	65		74 1,09			36 136					92 10,806						543	24,001
Guinea-Pigs		2	24 19	0 62	2						62	2						338
Hamsters (Syrian)											279)						279
Hamsters (Chinese)																		
Mongolian gerbil																		
Other Rodents																		
Rabbits	1,479	3	30 4	3							105	199				6		1,862
Cats											200	<u> </u>	10	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				50
Dogs Ferrets											33)	19)				52
Other carnivores													229) 220	6			455
Horses, donkeys &													220	, 22				57
cross-breeds													37	20	0			0,
Pigs Goats	6		13	7 69	9	60 65	94	1	39		24 713	3 16	118	3 200	6	4		1,551
Sheep	'						15	5										15
Cattle													214	360	6			580
Prosimians																		
Marmoset and tamarins																		
Cynomolgus monkey																		
Rhesus monkey																		
Vervets Chlorocebus																		
spp.																		
Baboons Squirrel																		
monkey Other species																		
of New World Monkeys (Ceboidea)																		
Other species of Old World Monkeys																		
(Cercopithecoid ea)																		
Other species of non-human																		
primates Apes																		
Other Mammals																		
Domestic fowl													378	3 24	4 6	64		466
Other birds														32	2			32
Reptiles Rana														3.	_			32
Xenopus																		
Other																		
Amphibians																		

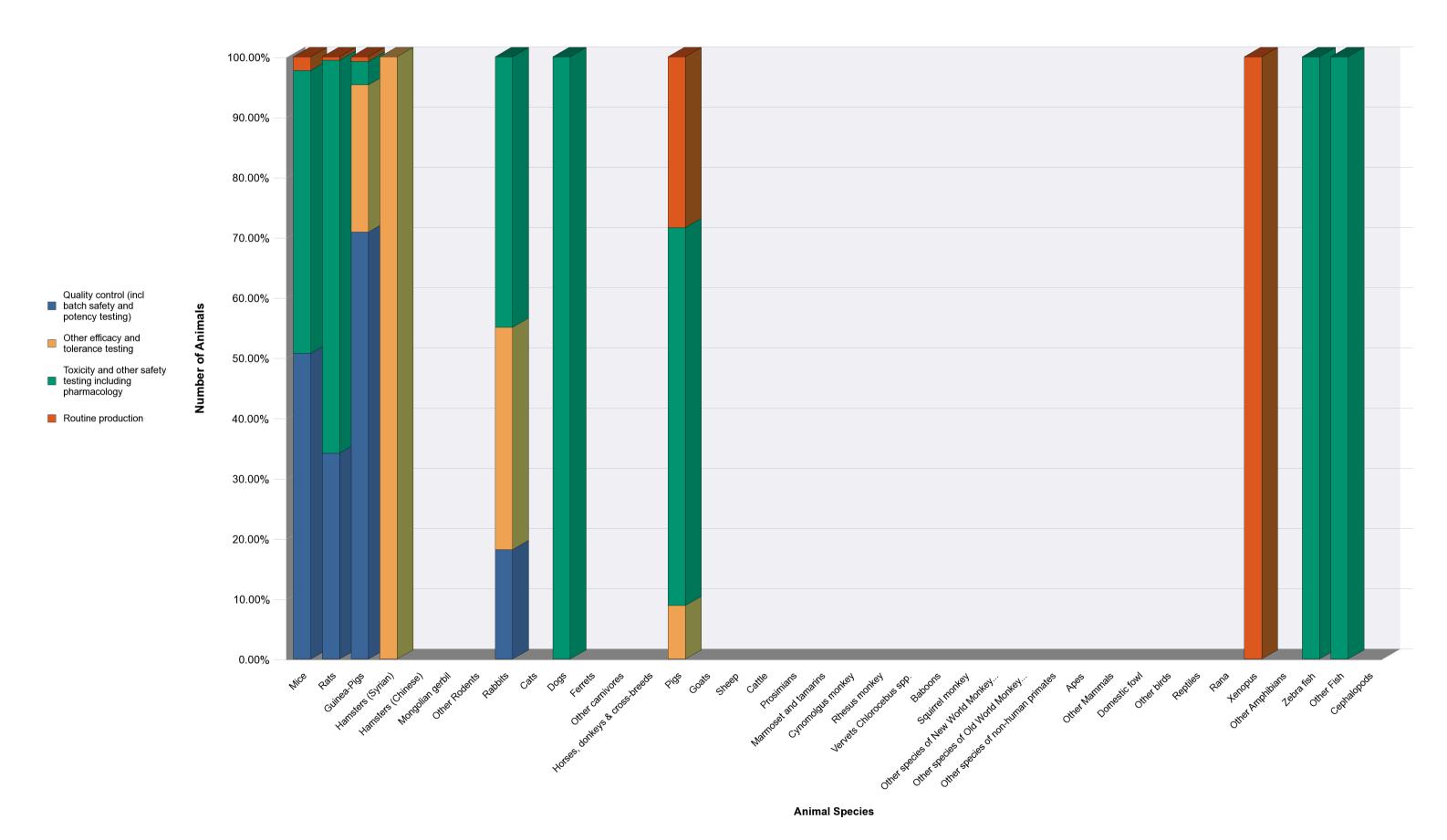
	Human Cancer	Human Infectious Disorders		and Mental	Human Respirator y Disorders	including	eletal	Immune	Human Urogenital/ Reproducti ve Disorders	Disorders (skin, eyes	Human Endocrine/ Metabolis m Disorders	Human		Animal Welfare	Diagnosis of diseases	Plant diseases	Non- regulatory toxicology and ecotoxicol ogy	Total
Zebra fish																		
Other Fish													3,740	500	20	0		4,440
Cephalopods																		
Total	18,429	7,66	5 2,016	31,509	176	762	378	4,959	64	7 336	37,015	9,168	4,825	1,568	1,35	5	787	121,595
%	15.16%	6.30%	4 1.66%	25.91%	0.14%	0.63%	0.31%	4.08%	0.53%	6 0.28%	30.44%	7.54%	3.97%	1.29%	1.11%	6	0.65%	



Regulatory use and routine production purposes

	Quality control (incl batch safety and potency		Toxicity and other safety testing including			T. (.)
	testing)	Other efficacy and tolerance testing	pharmacology	Routine production		Total
Mice	5,812			5,379	260	11,451
Rats	620			1,183	10	1,813
Guinea-Pigs Hamsters	1,673	576		92	18	2,359
(Syrian)		3				3
Hamsters						
(Chinese)						
Mongolian gerbil						
Other Rodents						
Rabbits	34	69		84		187
Cats						
Dogs				39		39
Ferrets						
Other carnivores						
Horses, donkeys &						
cross-breeds						
Pigs		77		544	246	867
Goats						
Sheep						
Cattle						
Prosimians						
Marmoset and tamarins						
Cynomolgus monkey						
Rhesus monkey						
Vervets Chlorocebus						
spp.						
Baboons Squirrel						
monkey						
Other species of New World						
of New World Monkeys (Ceboidea)						
Other species						
Other species of Old World Monkeys						
Monkeys						
(Cercopithecoid ea)						
Other species						
of non-human primates						
Apes						
Other Mammals						
Domestic fowl						
Other birds						
Reptiles						
Rana						
Xenopus					210	210
Other Amphibians						
Zebra fish				1,187		1,187
Other Fish				1,800		1,800
Cephalopods						

	Quality control (incl batch safety and potency testing)		Toxicity and other safety testing including pharmacology	Routine production	Total
Total	8,139	725	10,30	8 744	19,916
%	40.87%	3.64%	51.769	% 3.74%	



		Quality con	trol purposes		
	Batch safety testing	Pyrogenicity testing	Batch potency testing	Other quality controls	Total
Mice	1,815		3,997		5,812
Rats	,		620		620
Guinea-Pigs	689		984		1,673
Hamsters					,
(Syrian) Hamsters					
(Chinese) Mongolian					
gerbil					
Other Rodents					
Rabbits				34	34
Cats					
Dogs					
Ferrets					
Other carnivores					
Horses, donkeys & cross-breeds					
Pigs					
Goats					
Sheep					
Cattle					
Prosimians					
Marmoset and tamarins					
Cynomolgus monkey					
Rhesus monkey					
Vervets Chlorocebus spp.					
Baboons					
Squirrel monkey					
Other species of New World Monkeys (Ceboidea)					
Other species of Old World					
Monkeys (Cercopithecoid ea)					
Other species of non-human primates					
Apes					
Other Mammals					
Domestic fowl					
Other birds					
Reptiles					
Rana					
Xenopus					
Other Amphibians					
Zebra fish					
Other Fish					
Cephalopods					

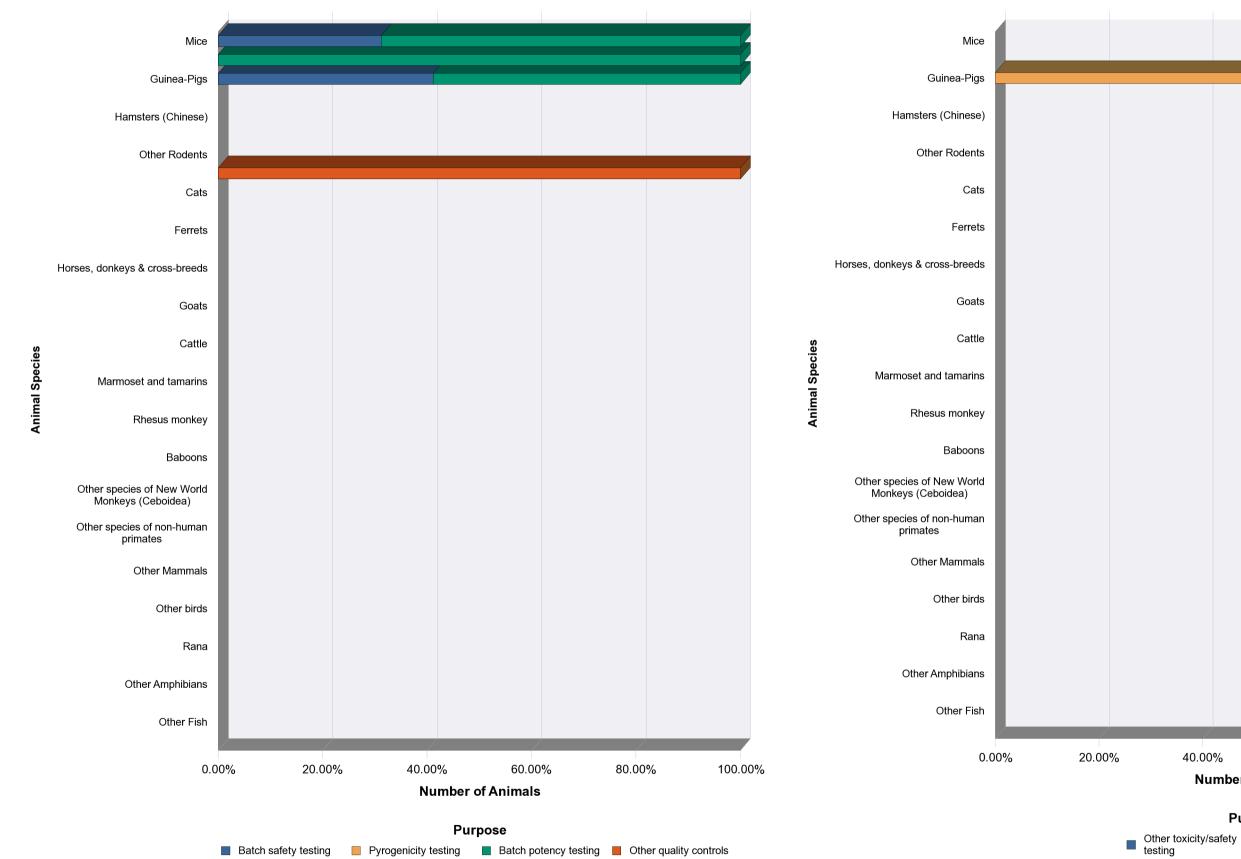
Routine production purposes

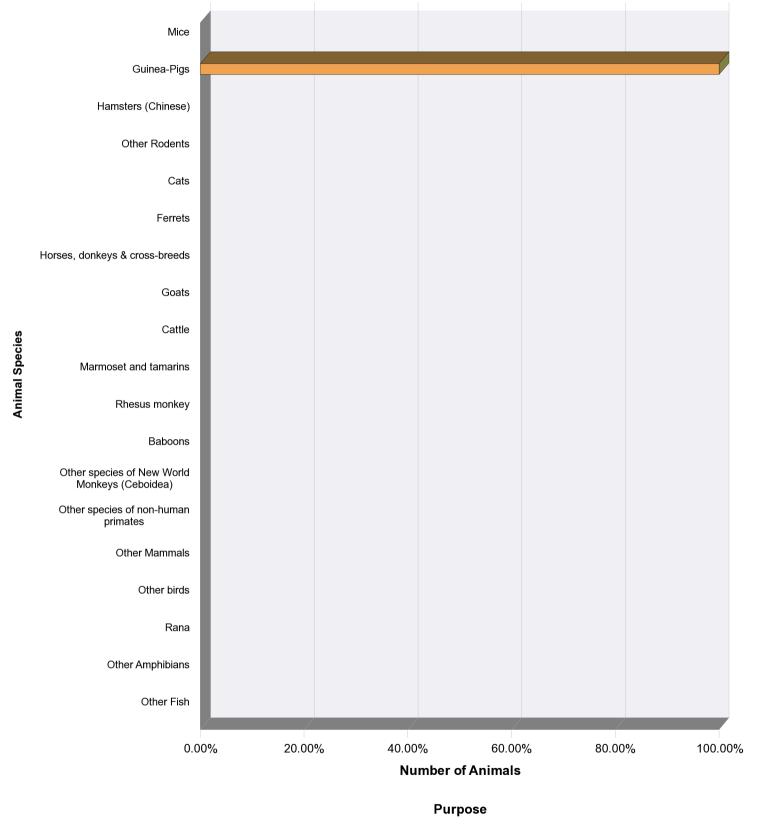
	Ro	outine production purpos	ses
	Blood based products	Other product types	Total
Mice			
Rats			
Guinea-Pigs	18		18
Hamsters (Syrian)			
Hamsters (Chinese)			
Mongolian gerbil			
Other Rodents			
Rabbits			
Cats			
Dogs			
Ferrets			
Other carnivores			
Horses, donkeys & cross-breeds			
Pigs		246	246
Goats		240	240
Sheep			
Cattle			
Prosimians			
Marmoset and tamarins			
Cynomolgus			
monkey Rhesus monkey			
Vervets Chlorocebus			
spp. Baboons			
Squirrel monkey			
Other species of New World Monkeys (Ceboidea)			
Other species of Old World			
Monkeys (Cercopithecoid ea)			
Other species of non-human primates			
Apes			
Other Mammals			
Domestic fowl			
Other birds			
Reptiles			
Rana			
Xenopus		210	210
Other		210	210
Amphibians			
Zebra fish			
Other Fish			
Cephalopods			

DP.C.1. Use of species in procedures by purposes

	Batch safety testing		Other quality controls	Total
Total	2,504	5,601	34	8,139
%	30.77%	68.82%	0.42%	

	Blood based products	Other product types	Total
Total	18	456	474
%	3.80%	96.20%	



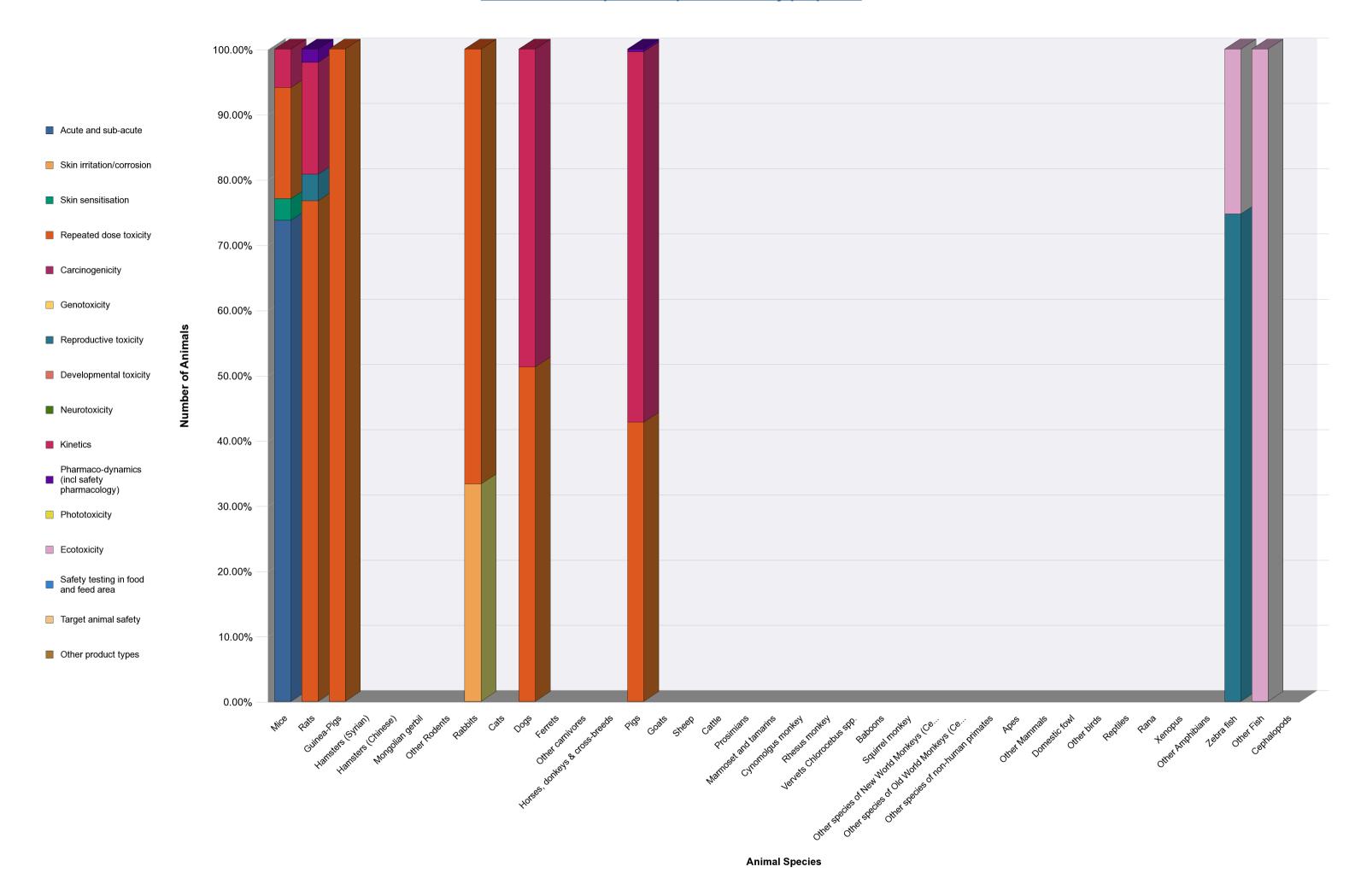


Blood based products

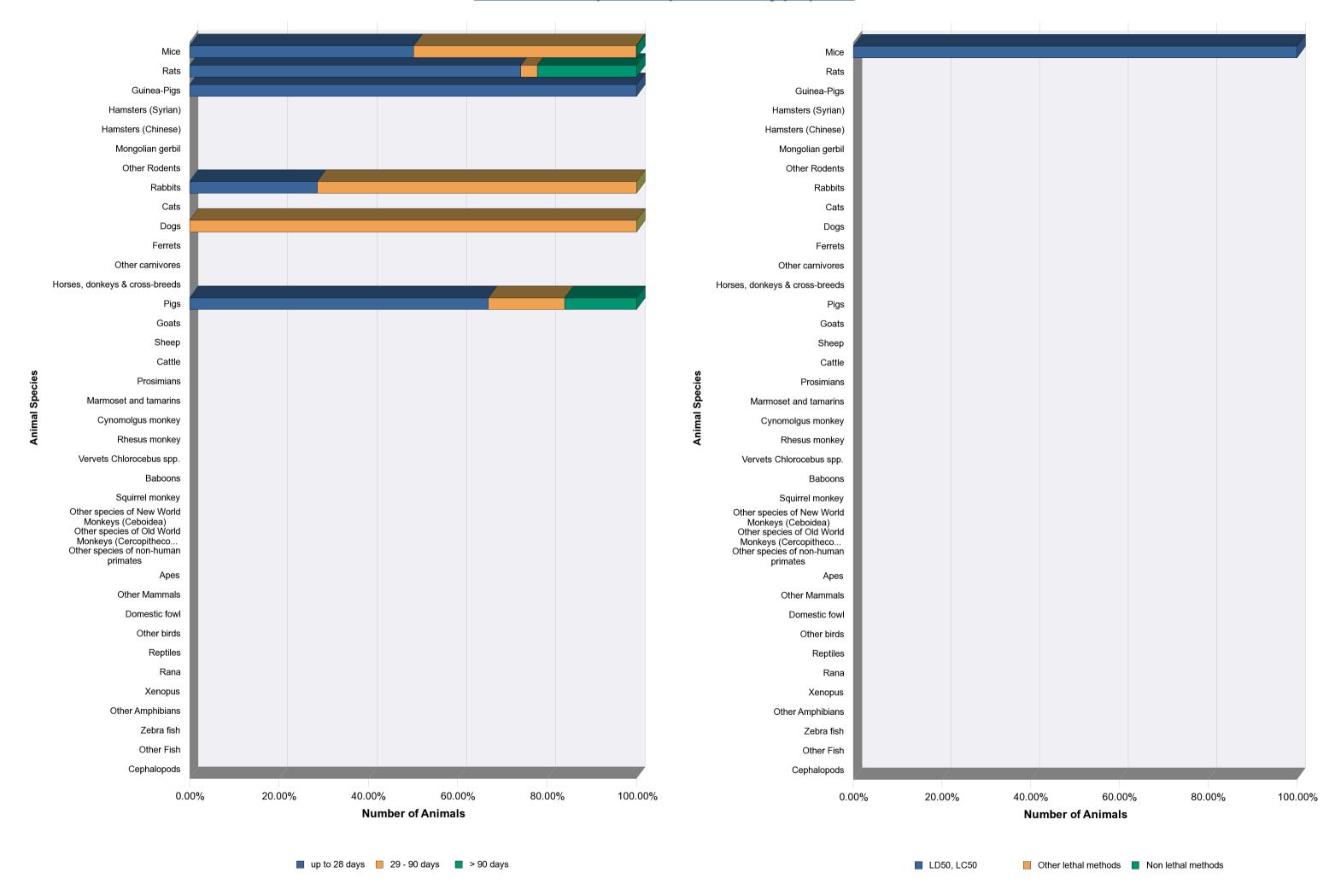
Toxicity and other safety testing by test type purposes

											Pharmaco- dynamics			Safety			Other	
	Acute and	irritation/	Skin sensitisati	Repeated dose	Carcinoge	Genotoxici	Reproducti	Developme ntal toxicity	Neurotoxic		(incl safety pharmacol	Phototoxic		testing in food and	Target animal	Eye irritation/	toxicity/ safety	Total
Mice	sub-acute 3,968		on 17	toxicity 91	nicity	ty	ve toxicity	toxicity	ity	Kinetics 31	ogy)	ity	Ecotoxicity	feed area	safety	corrosion	testing	5,379
Rats	3,900	•	17	90			48			20:		24						1,183
Guinea-Pigs				9			40			20.	2	- · ·						92
Hamsters				J	_													32
(Syrian) Hamsters																		
(Chinese)																		
Mongolian gerbil																		
Other Rodents																		
Rabbits		28		5	6													84
Cats																		
Dogs				2	0					1:	9							39
Ferrets																		
Other carnivores																		
Horses, donkeys & cross-breeds																		
Pigs				21	1					28	O	2					51	544
Goats																		
Sheep																		
Cattle																		
Prosimians																		
Marmoset and tamarins																		
Cynomolgus																		
monkey																		
Rhesus monkey																		
Vervets Chlorocebus spp.																		
Baboons																		
Squirrel monkey																		
Other species of New World																		
Monkeys (Ceboidea)																		
Other species of Old World Monkeys																		
Monkeys (Cercopithecoid ea)																		
Other species of non-human primates																		
Apes																		
Other Mammals																		
Domestic fowl																		
Other birds																		
Reptiles																		
Rana																		
Xenopus Other																		
Amphibians																		

		Skin irritation/ corrosion	Skin sensitisati on	Repeated dose toxicity	Carcinoge nicity	Genotoxici ty	Reproducti ve toxicity	Developme ntal toxicity	Neurotoxic ity		Pharmaco- dynamics (incl safety pharmacol ogy)	Phototoxic ity	Ecotoxicity	Safety testing in food and feed area	Target animal safety	Eye irritation/ corrosion	Other toxicity/ safety testing	Total
Zebra fish							88	7					300					1,187
Other Fish													1,800					1,800
Cephalopods																		
Tota	3,96	8 28	177	2,20	5		93	5		818	26	3	2,100				51	10,308
Q	38.49%	6 0.27%	1.72%	21.39	%		9.07%	6		7.94%	0.25%		20.37%				0.49%	



	Repe	ated dose toxicity purpo	oses		Acute and sub-acute toxicity testing methods						
	up to 28 days	29 - 90 days	> 90 days	Total		LD50, LC50	Other lethal methods	Non lethal methods	Total		
Mice	460	457		918	Mice		3,968		3,968		
Rats	673	33	202	908	Rats						
Guinea-Pigs	92			92	Guinea-Pigs						
Hamsters (Syrian)					Hamsters (Syrian)						
Hamsters					Hamsters						
(Chinese)					(Chinese)						
Mongolian gerbil					Mongolian gerbil						
Other Rodents					Other Rodents						
Rabbits	16	40		56	Rabbits						
Cats					Cats						
Dogs		20		20	Dogs						
Ferrets					Ferrets						
Other carnivores					Other carnivores Horses, donkeys						
Horses, donkeys & cross-breeds					& cross-breeds						
Pigs	141	36	34	211	Pigs						
Goats					Goats						
Sheep					Sheep						
Cattle					Cattle						
Prosimians					Prosimians						
Marmoset and tamarins					Marmoset and tamarins						
Cynomolgus					Cynomolgus						
monkey					monkey						
Rhesus monkey					Rhesus monkey						
Vervets Chlorocebus spp.					Vervets Chlorocebus spp.						
Baboons					Baboons						
Squirrel monkey					Squirrel monkey						
Other species of New World Monkeys (Ceboidea)					Other species of New World Monkeys (Ceboidea)						
Other species of Old World Monkeys					Other species of Old World Monkeys						
(Cercopithecoide a)					(Cercopithecoid ea)						
Other species of non-human primates					Other species of non-human primates						
Apes					Apes						
Other Mammals					Other Mammals						
Domestic fowl					Domestic fowl						
Other birds					Other birds						
Reptiles					Reptiles						
Rana					Rana						
Xenopus					Xenopus						
Other Amphibians					Other Amphibians						
Zebra fish					Zebra fish						
Other Fish					Other Fish						
Cephalopods					Cephalopods						
Total	1,382	586	237	2,205	Total		3,968		3,968		
%	62.68%	26.58%	10.75%		%		100.00%				



Ecotoxicity purposes

	Acute toxicity	Chronic toxicity	Reproductive ecotoxicity	Endocrine activity	Bioaccumulation	Other ecotoxicity	Total
Mice							
Rats							
Guinea-Pigs							
Hamsters (Syrian)							
Hamsters (Chinese)							
Mongolian gerbil							
Other Rodents							
Rabbits							
Cats							
Dogs							
Ferrets							
Other carnivores							
Horses, donkeys & cross-							
breeds							
Pigs							
Goats							
Sheep							
Cattle							
Prosimians							
Marmoset and tamarins							
Cynomolgus monkey							
Rhesus monkey							
Vervets Chlorocebus spp.							
Baboons							
Squirrel monkey							
Other species of New World Monkeys (Ceboidea)							
Other species of Old World Monkeys (Cercopithecoidea)							
Other species of non- human primates							
Apes							
Other Mammals							
Domestic fowl							
Other birds							
Reptiles							
Rana							
Xenopus							
Other Amphibians							
Zebra fish	120				180		300
Other Fish		1,800					1,800
Cephalopods							
Total	120	1,800			180		2,100
%	5.71%	85.71%			8.57%		

DP.C.1. Use of species in procedures by purposes

