



Restricted

Strasbourg, 26 February 2003

GT 123 (2003) 31

**WORKING PARTY FOR THE PREPARATION OF THE FOURTH MULTILATERAL
CONSULTATION OF PARTIES TO THE EUROPEAN CONVENTION FOR THE PROTECTION OF
VERTEBRATE ANIMALS USED FOR EXPERIMENTAL AND OTHER SCIENTIFIC PURPOSES
(ETS 123)**

**Statistical data on the use of laboratory animals
in Denmark in 2001**

*This document will not be distributed at the meeting. Please bring this copy.
Ce document ne sera plus distribué en réunion. Prière de vous munir de cet exemplaire.*

TABLE 1: NUMBER OF ANIMALS USED IN RELATION TO THEIR PLACE OF ORIGIN 2001

Origin versus species						
1.1 Species	1.2 Total	1.3 Animals coming from registered breeding or supplying establishments within the reporting country	1.4 Animals coming from elsewhere in the EC	1.5 Animals coming from Member Countries of the Council of Europe which are parties to the Convention ETS 123 (excluding EC Member States)	1.6 Animals coming from other origins	1.7 Re-used animals
1.a. Mice (<i>Mus musculus</i>)	200 965	196 350	3 213	131	1 271	299
1.b. Rats (<i>Rattus norvegicus</i>)	96 463	88 649	7 336	250	228	684
1.c. Guinea-Pigs (<i>Cavia porcellus</i>)	9 249	8 377	647	225		20
1.d. Hamsters (<i>Mesocricetus</i>)	474	216	258	0	0	0
1.e. Other Rodents (other Rodentia)	1 227					
1.f. Rabbits (<i>Oryctolagus cuniculus</i>)	5 619	4 563	1 056	0	0	679
1.g. Cats (<i>Felis catus</i>)	7	3	4	0	0	11
1.h. Dogs (<i>Canis familiaris</i>)	287	0	234	0	53	87
1.i. Ferrets (<i>Mustela putorius furo</i>)	0	0	0	0	0	0
1.j. Other Carnivores (other Carnivora)	781					
1.k. Horses, donkeys and cross breeds (<i>Equidae</i>)	80					
1.l. Pigs (<i>Sus</i>)	7 420					
1.m. Goats (<i>Capra</i>)	114					
1.n. Sheep (<i>Ovis</i>)	153					
1.o. Cattle (<i>Bos</i>)	825					
1.p. Prosimians (<i>Prosimia</i>)	0	0	0	0	0	0
1.q. New World Monkeys (<i>Ceboidea</i>)	0	0	0	0	0	0
1.r. Old World Monkeys (<i>Cercopithecoidea</i>)	0	0	0	0	0	0
1.s. Apes (<i>Hominoidea</i>)	0	0	0	0	0	0
1.t. Other Mammals (other <i>Mammalia</i>)	58					
1.u. Quail (<i>Coturnix coturnix</i>)	0	0	0	0	0	0
1.v. Other birds (other <i>Aves</i>)	3 166					
1.w. Reptiles (<i>Reptilia</i>)	52					
1.x. Amphibians (<i>Amphibia</i>)	735					
1.y. Fish (<i>Pisces</i>)	30 391					
1.z. TOTAL	358 066					

Note 1 : Column 1.5 concerns only those Member Countries of the Council of Europe which, at the beginning of the reporting period, are Parties to the Convention ETS 123. Thus an updated list of those Countries has to be used when filling this column

Note 2: Only the white boxes need to be completed

Note 3: The number of re-used animals in column 1.7 should be excluded from the total in the column 1.2.

TABLE 2: NUMBER OF ANIMALS USED IN EXPERIMENTS FOR SELECTED PURPOSES 2001

Purpose versus species									
2.1 Species	2.2 Biological studies of a fundamental nature	2.3 Research and development of products and devices for human medicine and dentistry and for veterinary medicine(excluding toxicological and other safety evaluations counted in column 2.6)	2.4 Production and quality control of products and devices for human medicine and dentistry	2.5 Production and quality control of products and devices for veterinary medicine	2.6 Toxicological and other safety evaluations (including safety evaluation of products and devices for human medicine and dentistry and for veterinary medicine)	2.7 Diagnosis of disease	2.8 Education and training	2.9 Other	2.10 Total
2.a. Mice	53 767	116 509	16 249	216	3 174	400	876	9 774	200 965
2.b. Rats	20 628	60 415	3 370	0	7 740	3	1 454	2 853	96 463
2.c. Guinea-Pigs	492	2 947	3 002	843	1 534	207	40	184	9 249
2.d. Hamsters	199	59	0	0	204	12	0	0	474
2.e. Other Rodents	60	82	0	0	0	0	0	1 085	1 227
2.f. Rabbits	493	1 446	618	8	339	2 421	43	251	5 619
2.g. Cats	3	0	2	0	0	0	2	0	7
2.h. Dogs	20	62	32	8	136	0	0	29	287
2.i. Ferrets	0	0	0	0	0	0	0	0	0
2.j. Other Carnivores	231	0	0	540	0	0	0	10	781
2.k. Horses, donkeys and cross breeds	0	0	0	0	0	8	72	0	80
2.l. Pigs	4 186	1 072	65	420	689	171	734	83	7 420
2.m. Goats	2	1	0	0	0	95	0	16	114
2.n. Sheep	132	0	0	0	0	19	2	0	153
2.o. Cattle	484	27	0	86	0	9	66	153	825
2.p. Prosimians	0	0	0	0	0	0	0	0	0
2.q. New World Monkeys	0	0	0	0	0	0	0	0	0
2.r. Old World Monkeys	0	0	0	0	0	0	0	0	0
2.s. Apes	0	0	0	0	0	0	0	0	0
2.t. Other Mammals	31	0	0	0	0	0	0	27	58
2.u. Quail	0	0	0	0	0	0	0	0	0
2.v. Other birds	2 728	291	0	6	70	71	0	0	3 166
2.w. Reptiles	52	0	0	0	0	0	0	0	52
2.x. Amphibians	528	11	0	0	0	0	196	0	735
2.y. Fish	28 823	220	0	0	1 320	0	28	0	30 391
2.z. TOTAL	112 859	183 142	23 338	2 127	15 206	3 416	3 513	14 465	358 066

TABLE 3: NUMBER OF ANIMALS USED IN TOXICOLOGICAL AND OTHER SAFETY EVALUATION 2001

3.1 Species	3.2 Products/ substances or devices for humanmedicine and dentistry and for veterinary medicine	3.3 Products/ substances/ used or intended to be used mainly in agriculture	3.4 Products/ substances/ used or intended to be used mainly in industry	Products versus species		3.7 Products/ substances used or intended to be used mainly as additives in food for human consumption	3.8 Products/ substances used or intended to be used mainly as additives in food for animal consumption	3.9 Potential or actual contaminants in the general environment which do not appear in other columns	3.10 Other toxicological or safety evaluations	3.11 Total
				3.5 Products/ substances used or intended to be used mainly in the household	3.6 Products/ substances used or intended to be used mainly as cosmetics or toiletries					
3.a. Mice	2 380	0	25	588	0	16	0	0	165	3 174
3.b. Rats	3 747	144	154	896	0	329	0	1 835	635	7 740
3.c. Guinea-Pigs	1 393	30	90	0	0	21	0	0	0	1 534
3.d. Hamsters	204	0	0	0	0	0	0	0	0	204
3.e. Other Rodents	0	0	0	0	0	0	0	0	0	0
3.f. Rabbits	241	0	0	0	0	92	6	0	0	339
3.g. Cats	0	0	0	0	0	0	0	0	0	0
3.h. Dogs	120	0	0	0	0	0	0	0	16	136
3.i. Ferrets	0	0	0	0	0	0	0	0	0	0
3.j. Other Carnivores	0	0	0	0	0	0	0	0	0	0
3.k. Hors., donk., cross breeds	0	0	0	0	0	0	0	0	0	0
3.l. Pigs	652	0	0	0	0	0	0	0	37	689
3.m. Goats	0	0	0	0	0	0	0	0	0	0
3.n. Sheep	0	0	0	0	0	0	0	0	0	0
3.o. Cattle	0	0	0	0	0	0	0	0	0	0
3.p. Prosimians	0	0	0	0	0	0	0	0	0	0
3.q. New World Monkeys	0	0	0	0	0	0	0	0	0	0
3.r. Old World Monkeys	0	0	0	0	0	0	0	0	0	0
3.s. Apes	0	0	0	0	0	0	0	0	0	0
3.t. Other Mammals	0	0	0	0	0	0	0	0	0	0
3.u. Quail	0	0	0	0	0	0	0	0	0	0
3.v. Other birds	0	0	0	0	0	0	0	0	70	70
3.w. Reptiles	0	0	0	0	0	0	0	0	0	0
3.x. Amphibians	0	0	0	0	0	0	0	0	0	0
3.y. Fish	0	0	300	0	0	0	0	720	300	1 320
3.z. TOTAL	8 737	174	569	1 484	0	458	6	2 555	1 223	15 206

TABLE 4: NUMBER OF ANIMALS USED IN EXPERIMENTS FOR STUDIES ON HUMAN AND ANIMAL DISEASES 2001

Main categories versus species						
4.1 Species	4.2 Human cardiovascular diseases	4.3 Human nervous and mental disorders	4.4 Human cancer (excluding evaluations of carcinogenic hazards or risks)	4.5 Other human diseases	4.6 Studies specific to animal diseases	4.7 Total
4.a. Mice	3 866	76 855	20 790	50 912	1 760	154 183
4.b. Rats	2 616	48 720	198	20 540	165	72 239
4.c. Guinea-Pigs	86	1 965	0	1 032	231	3 314
4.d. Hamsters	0	16	0	67	12	95
4.e. Other Rodents	0	82	0	0	0	82
4.f. Rabbits	413	492	0	814	37	1 756
4.g. Cats	0	3	0	0	0	3
4.h. Dogs	0	0	0	67	16	83
4.i. Ferrets	0	0	0	0	0	0
4.j. Other Carnivores	0	0	0	0	57	57
4.k. Horses, donkeys and cross breeds	0	0	0	0	0	0
4.l. Pigs	393	90	0	727	1 377	2 587
4.m. Goats	0	0	0	1	1	2
4.n. Sheep	0	0	0	0	78	78
4.o. Cattle	0	0	0	0	199	199
4.p. Prosimians	0	0	0	0	0	0
4.q. New World Monkeys	0	0	0	0	0	0
4.r. Old World Monkeys	0	0	0	0	0	0
4.s. Apes	0	0	0	0	0	0
4.t. Other Mammals	0	0	0	0	10	10
4.u. Quail	0	0	0	0	0	0
4.v. Other birds	0	0	0	0	1 289	1 289
4.w. Reptiles	0	0	0	0	0	0
4.x. Amphibians	0	11	0	14	0	25
4.y. Fish	0	0	0	0	15 282	15 282
4.z. TOTAL	7 374	128 234	20 988	74 174	20 514	251 284

TABLE 5: NUMBER OF ANIMALS USED IN PRODUCTION AND QUALITY CONTROL OF PRODUCTS AND DEVICES FOR HUMAN MEDICINE AND DENTISTRY AND FOR VETERINARY MEDICINE 2001

Regulatory requirements versus species							
5.1 Species	5.2 National legislation specific to a single EC Member State ¹⁾	5.3 EC legislation including European Pharmacopoeia (requirements)	5.4 Member Country of Council of Europe (but not EC) legislation ²⁾	5.5 Other legislation	5.6 Any combination of 5.2/ 5.3/ 5.4/ 5.5	5.7 No regulatory requirements	5.8 Total
5.a. Mice	78	1 516	0	0	14 685	186	16 465
5.b. Rats	0	709	0	460	1 362	839	3 370
5.c. Guinea-Pigs	0	843	0	0	3 002	0	3 845
5.d. Hamsters	0	0	0	0	0	0	0
5.e. Other Rodents	0	0	0	0	0	0	0
5.f. Rabbits	0	158	0	30	438	0	626
5.g. Cats	0	0	0	0	2	0	2
5.h. Dogs	0	0	0	0	32	8	40
5.i. Ferrets	0	0	0	0	0	0	0
5.j. Other Carnivores	0	0	0	0	540	0	540
5.k. Horses, donkeys and cross breeds	0	0	0	0	0	0	0
5.l. Pigs	4	362	0	0	83	36	485
5.m. Goats	0	0	0	0	0	0	0
5.n. Sheep	0	0	0	0	0	0	0
5.o. Cattle	0	84	0	0	2	0	86
5.p. Prosimians	0	0	0	0	0	0	0
5.q. New World Monkeys	0	0	0	0	0	0	0
5.r. Old World Monkeys	0	0	0	0	0	0	0
5.s. Apes	0	0	0	0	0	0	0
5.t. Other Mammals	0	0	0	0	0	0	0
5.u. Quail	0	0	0	0	0	0	0
5.v. Other birds	0	0	0	0	6	0	6
5.w. Reptiles	0	0	0	0	0	0	0
5.x. Amphibians	0	0	0	0	0	0	0
5.y. Fish	0	0	0	0	0	0	0
5.z. TOTAL	82	3 672	0	490	20 152	1 069	25 465
Examples:	5.2 - France is testing due to a UK (or FR) specific requirement		Note: columns 5.2 - 5.5 refer to the legislation imposing that the test be carried out and not to the body which has issued the actual test method, guideline or protocol Example: a test required by French legislation and carried out in Belgium according to an ISO protocol must be coded as a national (FR) legislative requirement and be entered into column 5.2 in the tables submitted by Belgium				
	5.3 - UK is testing according to EC legislation						
	5.4 - Spain is testing due to a Hungarian requirement						
	5.5 - Sweden is testing due to a US specific requirement						
	5.6 - Germany is testing due to a Czech requirement (also an EC requirement)						
Footnotes:	1) EC Member States: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden, United Kingdom						
	2) Member Countries of Council of Europe (non-EC): Albania, Andorra, Bulgaria, Croatia, Cyprus, Czech Rep., Estonia, Hungary, Iceland, Latvia, Liechtenstein, Lithuania, Malta, Moldova, Norway, Poland, Romania, Russia, San Marino, Slovakia, Slovenia, Switzerland, 'the former Yugoslav Rep. of Macedonia', Turkey, Ukraine						

TABLE 6: NUMBER OF ANIMALS USED IN TOXICOLOGICAL AND OTHER SAFETY EVALUATIONS 2001

Regulatory requirements versus species							
6.1 Species	6.2 National legislation specific to a single EC Member State1)	6.3 EC legislation including European Pharmacopoeia (requirements)	6.4 Member Country of Council of Europe (but not EC) legislation2)	6.5 Other legislation	6.6 Any combination of 5.2/ 5.3/ 5.4/ 5.5	6.7 No regulatory requirements	6.8 Total
6.a. Mice	179	0	0	164	2 049	782	3 174
6.b. Rats	166	166	0	174	3 680	3 554	7 740
6.c. Guinea-Pigs	0	0	0	0	1 534	0	1 534
6.d. Hamsters	0	0	0	0	204	0	204
6.e. Other Rodents	0	0	0	0	0	0	0
6.f. Rabbits	0	6	0	0	241	92	339
6.g. Cats	0	0	0	0	0	0	0
6.h. Dogs	0	0	0	0	120	16	136
6.i. Ferrets	0	0	0	0	0	0	0
6.j. Other Carnivores	0	0	0	0	0	0	0
6.k. Horses, donkeys and cross breeds	0	0	0	0	0	0	0
6.l. Pigs	66	0	0	0	591	32	689
6.m. Goats	0	0	0	0	0	0	0
6.n. Sheep	0	0	0	0	0	0	0
6.o. Cattle	0	0	0	0	0	0	0
6.p. Prosimians	0	0	0	0	0	0	0
6.q. New World Monkeys	0	0	0	0	0	0	0
6.r. Old World Monkeys	0	0	0	0	0	0	0
6.s. Apes	0	0	0	0	0	0	0
6.t. Other Mammals	0	0	0	0	0	0	0
6.u. Quail	0	0	0	0	0	0	0
6.v. Other birds	0	0	0	0	0	70	70
6.w. Reptiles	0	0	0	0	0	0	0
6.x. Amphibians	0	0	0	0	0	0	0
6.y. Fish	0	0	0	0	300	1 020	1 320
6.z. TOTAL	411	172	0	338	8 719	5 566	15 206

Examples: 6.2 - France is testing due to a UK (or FR) specific requirement
6.3 - UK is testing according to EC legislation
6.4 - Spain is testing due to a Hungarian requirement
6.5 - Sweden is testing due to a US specific requirement
6.6 - Germany is testing due to a Czech requirement (also an EC requirement)

Note: columns 6.2 - 6.5 refer to the legislation imposing that the test be carried out and not to the body which has issued the actual test method, guideline or protocol

Example: a test required by French legislation and carried out in Belgium according to an ISO protocol must be coded as a national (FR) legislative requirement and be entered into column 5.2 in the tables submitted by Belgium.

Footnotes: 1) EC Member States: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain, Sweden, United Kingdom
2) Member Countries of Council of Europe (non-EC): Albania, Andorra, Bulgaria, Croatia, Cyprus, Czech Rep., Estonia, Hungary, Iceland, Latvia, Liechtenstein, Lithuania, Malta, Moldova, Norway, Poland, Romania, Russia, San Marino, Slovakia, Slovenia, Switzerland, 'the former Yugoslav Rep. of Macedonia', Turkey, Ukraine