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**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 2002**

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**TABLE 1: NUMBER OF ANIMALS USED IN RELATION TO THEIR PLACE OF ORIGIN
in Denmark in 2002**

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>)	221557	199890	21083	136	448	686
1.b. Rats (<i>Rattus norvegicus</i>)	80518	63813	15357	24	1324	83
1.c. Guinea-Pigs (<i>Cavia porcellus</i>)	7613	5500	1963	150	0	10
1.d. Hamsters (<i>Mesocricetus</i>)	264	124	140	0	0	0
1.e. Other Rodents (other Rodentia)	6702	0	0	0	0	0
1.f. Rabbits (<i>Oryctolagus cuniculus</i>)	5542	4426	1086	30	0	1063
1.g. Cats (<i>Felis catus</i>)	43	5	28	0	10	4
1.h. Dogs (<i>Canis familiaris</i>)	220	9	176	0	35	45
1.i. Ferrets (<i>Mustela putorius furo</i>)	0	0	0	0	0	0
1.j. Other Carnivores (other Carnivora)	531	0	0	0	0	0
1.k. Horses, donkeys and cross breeds (<i>Equidae</i>)	55	0	0	0	0	0
1.l. Pigs (<i>Sus</i>)	5582	0	0	0	0	0
1.m. Goats (<i>Capra</i>)	134	0	0	0	0	0
1.n. Sheep (<i>Ovis</i>)	230	0	0	0	0	0
1.o. Cattle (<i>Bos</i>)	620	0	0	0	0	0
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	16
1.r. Old World Monkeys (<i>Cercopithecoidea</i>)	5	0	0	0	5	0
1.s. Apes (<i>Hominoidea</i>)	0	0	0	0	0	0
1.t. Other Mammals (other <i>Mammalia</i>)	10	0	0	0	0	0
1.u. Quail (<i>Coturnix coturnix</i>)	0	0	0	0	0	0
1.v. Other birds (other <i>Aves</i>)	5275	0	0	0	0	0
1.w. Reptiles (<i>Reptilia</i>)	34	0	0	0	0	0
1.x. Amphibians (<i>Amphibia</i>)	937	0	0	0	0	0
1.y. Fish (<i>Pisces</i>)	35200	0	0	0	0	0
1.z. TOTAL	371072	0	0	0	0	0

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
in Denmark in 2002**

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	46169	133015	16762	314	3929	12610	1451	7307	221557
2.b. Rats	15714	50423	1844	0	5505	2632	3321	1079	80518
2.c. Guinea-Pigs	98	1857	2651	544	1891	452	42	78	7613
2.d. Hamsters	120	114	0	0	20	10	0	0	264
2.e. Other Rodents	56	5098	0	0	0	0	0	1548	6702
2.f. Rabbits	393	776	1304	0	472	2436	148	13	5542
2.g. Cats	35	0	3	0	0	0	5	0	43
2.h. Dogs	21	14	0	0	176	0	9	0	220
2.i. Ferrets	0	0	0	0	0	0	0	0	0
2.j. Other Carnivores	329	0	0	198	0	4	0	0	531
2.k. Horses, donkeys and cross breeds	30	0	0	6	0	6	13	0	55
2.l. Pigs	2592	1111	0	125	554	239	514	447	5582
2.m. Goats	4	7	0	0	0	121	0	2	134
2.n. Sheep	207	0	0	3	0	20	0	0	230
2.o. Cattle	426	0	0	46	0	1	51	96	620
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	5	0	0	0	0	0	0	0	5
2.s. Apes	0	0	0	0	0	0	0	0	0
2.t. Other Mammals	10	0	0	0	0	0	0	0	10
2.u. Quail	0	0	0	0	0	0	0	0	0
2.v. Other birds	3221	0	0	4	1890	160	0	0	5275
2.w. Reptiles	34	0	0	0	0	0	0	0	34
2.x. Amphibians	751	6	0	0	0	0	180	0	937
2.y. Fish	20755	7625	0	0	2280	0	220	4320	35200
2.z. TOTAL	90970	200046	22564	1240	16717	18691	5954	14890	371072

**TABLE 3: NUMBER OF ANIMALS USED IN TOXICOLOGICAL AND OTHER SAFETY EVALUATION
in Denmark in 2002**

Products versus species										
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	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 toilettries	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.a. Mice	2748	0	1153	0	0	23	0	0	5	3929
3.b. Rats	2698	665	952	246	0	0	0	0	944	5505
3.c. Guinea-Pigs	1711	30	110	0	40	0	0	0	0	1891
3.d. Hamsters	20	0	0	0	0	0	0	0	0	20
3.e. Other Rodents	0	0	0	0	0	0	0	0	0	0
3.f. Rabbits	447	0	0	9	0	0	0	0	16	472
3.g. Cats	0	0	0	0	0	0	0	0	0	0
3.h. Dogs	176	0	0	0	0	0	0	0	0	176
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. Horses, donkeys and cross breeds	0	0	0	0	0	0	0	0	0	0
3.l. Pigs	546	0	0	0	0	0	0	0	8	554
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	1890	0	0	1890
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	2280	0	0	0	0	0	0	2280
3.z. TOTAL	8346	695	4495	255	40	23	1890	0	973	16717

TABLE 4: NUMBER OF ANIMALS USED IN EXPERIMENTS FOR STUDIES ON HUMAN AND ANIMAL DISEASES
in Denmark in 2002

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	2646	87279	28031	42410	3935	164301
4.b. Rats	3764	34460	1480	21234	171	61109
4.c. Guinea-Pigs	25	784	0	761	14	1584
4.d. Hamsters	0	0	0	114	113	227
4.e. Other Rodents	0	5098	0	0	0	5098
4.f. Rabbits	171	173	0	495	6	845
4.g. Cats	0	35	0	0	0	35
4.h. Dogs	0	9	0	5	9	23
4.i. Ferrets	0	0	0	0	0	0
4.j. Other Carnivores	0	0	0	0	311	311
4.k. Horses, donkeys and cross breeds	0	0	0	0	30	30
4.l. Pigs	326	122	20	1112	952	2532
4.m. Goats	0	0	0	2	0	2
4.n. Sheep	0	0	0	0	159	159
4.o. Cattle	0	0	0	0	8	8
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	0	0
4.u. Quail	0	0	0	0	0	0
4.v. Other birds	0	0	0	0	1663	1663
4.w. Reptiles	0	0	0	0	0	0
4.x. Amphibians	0	6	0	0	24	30
4.y. Fish	0	0	0	0	13510	13510
4.z. TOTAL	6932	127966	29531	66133	20905	251467

TABLE 5: NUMBER OF ANIMALS USED IN PRODUCTION AND QUALITY CONTROL OF PRODUCTS AND DEVICES FOR HUMAN MEDICINE AND DENTISTRY AND FOR VETERINARY MEDICINE in Denmark in 2002

Regulatory requirements versus species							
5.1 Species	5.2 National legislation specific to a single EC Member State1)	5.3 EC legislation including European Pharmacopoeia (requirements)	5.4 Member Country of Council of Europe (but not EC) legislation2)	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	0	1194	0	0	14839	1043	17076
5.b. Rats	8	0	0	160	1514	162	1844
5.c. Guinea-Pigs	544	22	0	0	2388	241	3195
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	126	0	50	769	359	1304
5.g. Cats	0	0	0	0	3	0	3
5.h. Dogs	0	0	0	0	0	0	0
5.i. Ferrets	0	0	0	0	0	0	0
5.j. Other Carnivores	0	0	0	0	198	0	198
5.k. Horses, donkeys and cross breeds	0	0	0	0	0	6	6
5.l. Pigs	95	0	0	0	30	0	125
5.m. Goats	0	0	0	0	0	0	0
5.n. Sheep	0	0	0	0	3	0	3
5.o. Cattle	42	0	0	0	4	0	46
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	4	0	4
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	689	1342	0	210	19752	1811	23804

Examples:

5.2 - France is testing due to a UK (or FR) specific requirement

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)

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.

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
in Denmark in 2002**

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	0	0	0	0	2561	1368	3929
6.b. Rats	0	15	0	0	2639	2851	5505
6.c. Guinea-Pigs	0	0	0	0	1830	61	1891
6.d. Hamsters	0	0	0	0	20	0	20
6.e. Other Rodents	0	0	0	0	0	0	0
6.f. Rabbits	0	0	0	0	447	25	472
6.g. Cats	0	0	0	0	0	0	0
6.h. Dogs	0	0	0	0	176	0	176
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	0	0	0	0	554	0	554
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	1890	0	0	0	0	1890
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	2280	0	0	2280
6.z. TOTAL	0	1905	0	2280	8227	4305	16717

Examples: 6.2 - France is testing due to a UK (or FR) specific 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

6.3 - UK is testing according to EC legislation

6.4 - Spain is testing due to a Hungarian requirement 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.

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)

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