



Strasbourg, 1 June 2005

GT 123 (2005) 2

**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 PUPOSES
(ETS 123)**

**Statistical data on the use of laboratory animals
in DENMARK in 2004**

Table 1:
Number of animals used in relation to their place of origin

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>)	206761	102984	99255	195	4327	489
1.b. Rats (<i>Rattus Norvegicus</i>)	79546	37971	40757	159	659	348
1.c. Guinea-Pigs (<i>Cavia porcellus</i>)	5926	3281	2645	0	0	0
1.d. Hamsters (<i>Mesocricetus</i>)	266	142	124	0	0	0
1.e. Other Rodents (other Rodentia)	3049					
1.f. Rabbits (<i>Oryctolagus cuniculus</i>)	5779	4187	1592	0	0	1127
1.g. Cats (<i>Felis catus</i>)	26	7	0	0	19	0
1.h. Dogs (<i>Canis familiaris</i>)	303	6	234	19	44	67
1.i. Ferrets (<i>Mustela putorius furo</i>)	42	0	0	0	42	0
1.j. Other Carnivores (other Carnivora)	440					
1.k. Horses, donkeys and cross breeds (<i>Equidae</i>)	32					
1.l. Pigs (<i>Sus</i>)	7194					
1.m. Goats (<i>Capra</i>)	144					
1.n. Sheep (<i>Ovis</i>)	233					
1.o. Cattle (<i>Bos</i>)	380					
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>)	0					
1.u. Quail (<i>Coturnix coturnix</i>)	0	0	0	0	0	0
1.v. Other birds (other <i>Aves</i>)	5389					
1.w. Reptiles (<i>Reptilia</i>)	44					
1.x. Amphibians (<i>Amphibia</i>)	1275					
1.y. Fish (<i>Pisces</i>)	34195					
Total	351024					

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

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	38869	133998	15698	132	5622	2919	1366	8157	206761
2.b. Rats	20159	43886	1275	0	10819	923	2324	160	79546
2.c. Guinea-Pigs	280	679	1888	0	2511	170	14	384	5926
2.d. Hamsters	106	42	0	0	118	0	0	0	266
2.e. Other Rodents	0	3049	0	0	0	0	0	0	3049
2.f. Rabbits	369	544	1117	5	528	3092	120	4	5779
2.g. Cats	19	0	0	0	0	5	2	0	26
2.h. Dogs	47	128	0	0	128	0	0	0	303
2.i. Ferrets	42	0	0	0	0	0	0	0	42
2.j. Other Carnivores	250	6	0	184	0	0	0	0	440
2.k. Horses, donkeys and cross breeds	9	0	7	1	0	0	15	0	32
2.l. Pigs	3626	1333	0	54	521	184	535	941	7194
2.m. Goats	14	3	0	0	0	117	0	10	144
2.n. Sheep	227	0	0	2	0	0	0	4	233
2.o. Cattle	165	1	0	6	0	0	75	133	380
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	0	0	0	0	0	0	0	0	0
2.u. Quail	0	0	0	0	0	0	0	0	0
2.v. Other birds	2184	0	0	12	0	348	43	2802	5389
2.w. Reptiles	44	0	0	0	0	0	0	0	44
2.x. Amphibians	1075	50	0	0	0	0	150	0	1275
2.y. Fish	12196	19098	0	680	1117	0	184	920	34195
Total	79681	202817	19985	1076	21364	7758	4828	13515	351024

**Table 3:
Number of animals used in toxicological and other safety evaluation**

3.1 Species	3.2 Products/ substances or devices for human medicine 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 toiletries	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	4554	0	339	0	0	0	0	112	617	5622
3.b. Rats	6651	2769	496	613	12	0	18	0	260	10819
3.c. Guinea-Pigs	2403	0	0	0	0	0	0	0	108	2511
3.d. Hamsters	0	0	0	0	0	0	0	0	118	118
3.e. Other Rodents	0	0	0	0	0	0	0	0	0	0
3.f. Rabbits	405	0	0	57	0	0	0	0	66	528
3.g. Cats	0	0	0	0	0	0	0	0	0	0
3.h. Dogs	128	0	0	0	0	0	0	0	0	128
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	521	0	0	0	0	0	0	0	0	521
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	0	0
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	765	0	0	0	0	352	0	1117
Total	14662	2769	1600	670	12	0	18	464	1169	21364

Table 4:
Number of animals used in experiments for studies on human and animal diseases

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	2571	84648	18318	47133	1312	153982
4.b. Rats	4260	31241	18	19515	10	55044
4.c. Guinea-Pigs	104	155	0	770	0	1029
4.d. Hamsters	0	9	0	27	6	42
4.e. Other Rodents	0	2689	0	360	0	3049
4.f. Rabbits	46	12	0	491	17	566
4.g. Cats	0	24	0	0	0	24
4.h. Dogs	36	32	0	63	44	175
4.i. Ferrets	0	42	0	0	0	42
4.j. Other Carnivores	0	0	0	0	224	224
4.k. Horses, donkeys and cross breeds	0	0	0	0	3	3
4.l. Pigs	241	144	0	1315	329	2029
4.m. Goats	0	0	0	0	12	12
4.n. Sheep	0	0	0	0	141	141
4.o. Cattle	0	0	0	0	0	0
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	455	455
4.w. Reptiles	0	0	0	0	0	0
4.x. Amphibians	0	59	0	0	300	359
4.y. Fish	0	0	0	0	680	680
Total	7258	119055	18336	69674	3533	217856

Table 5:
Number of animals used in production and quality control of products and devices for human medicine and dentistry and for veterinary medicine

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	0	1226	0	0	14524	80	15830
5.b. Rats	0	0	0	0	730	545	1275
5.c. Guinea-Pigs	0	0	0	0	1888	0	1888
5.d. Hamsters	0	0	0	0	0	0	0
5.e. Other Rodents	0	0	0	0	0	0	0
5.f. Rabbits	21	0	0	34	633	434	1122
5.g. Cats	0	0	0	0	0	0	0
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	184	0	184
5.k. Horses, donkeys and cross breeds	0	0	0	0	0	8	8
5.l. Pigs	14	0	0	0	40	0	54
5.m. Goats	0	0	0	0	0	0	0
5.n. Sheep	0	0	0	0	2	0	2
5.o. Cattle	4	0	0	0	2	0	6
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	12	0	12
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	680	680
Total	39	1226	0	34	18015	1747	21061

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).

Footnotes:

- 1) 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.

Notes:

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.

**Table 6:
Number of animals used in toxicological and other safety evaluations**

6.1 Species	6.2 National legislation specific to a single EC Member State 1)	6.3 EC legislation including European Pharmacopoeia (requirements)	6.4 Member Country of Council of Europe (but not EC) legislation 2)	6.5 Other legislation	6.6 Any combination of 6.2/ 6.3/ 6.4/ 6.5	6.7 No regulatory requirements	6.8 Total
6.a. Mice	0	0	0	0	4542	1080	5622
6.b. Rats	0	72	0	0	6832	3915	10819
6.c. Guinea-Pigs	0	0	0	0	2406	105	2511
6.d. Hamsters	0	0	0	0	0	118	118
6.e. Other Rodents	0	0	0	0	0	0	0
6.f. Rabbits	0	0	0	0	405	123	528
6.g. Cats	0	0	0	0	0	0	0
6.h. Dogs	0	0	0	0	128	0	128
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	521	0	521
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	0	0
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	765	0	352	1117
Total	0	72	0	765	14834	5693	21364

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).

Footnotes:

1) 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.

Notes:

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 6.2 in the tables submitted by Belgium.

Table 7:
Number of animals used in toxicological and other safety evaluations

7.1 Species	7.2 Acute and sub-acute toxicity testing methods (including limit test)			7.3 Skin irritation	7.4 Skin sensitisation	7.5 Eye irritation	7.6 Subchronic and chronic toxicity	7.7 Carcinogenicity	7.8 Developmental toxicity	7.9 Mutagenicity	7.10 Reproductive toxicity	7.11 Toxicity to aquatic vertebrates not included in other columns	7.12 Other	7.13 Total
	7.2.1 LD50, LC50	7.2.2 Other lethal methods	7.2.3 Non lethal clinical signs methods											
7.a. Mice	0	0	2354	0	65	0	2003	30	0	356	18	0	796	5622
7.b. Rats	0	0	2824	0	0	0	3860	162	95	50	2649	0	1179	10819
7.c. Guinea-Pigs	0	0	926	0	1357	0	150	0	0	0	0	0	78	2511
7.d. Hamsters	0	0	0	0	0	0	118	0	0	0	0	0	0	118
7.e. Other Rodents	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.f. Rabbits	0	0	97	6	0	10	224	0	0	0	0	0	191	528
7.g. Cats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.h. Dogs	0	0	26	0	0	0	96	0	0	0	0	0	6	128
7.i. Ferrets	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.j. Other Carnivores	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.k. Horses, donkeys and cross breeds	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.l. Pigs	0	0	0	0	0	0	507	0	0	0	0	0	14	521
7.m. Goats	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.n. Sheep	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.o. Cattle	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.p. Prosimians	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.q. New World Monkeys	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.r. Old World Monkeys	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.s. Apes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.t. Other Mammals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.u. Quail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.v. Other birds	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.w. Reptiles	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.x. Amphibians	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7.y. Fish	765	0	0	0	0	0	0	0	0	0	0	352	0	1117
Total	765	0	6227	6	1422	10	6958	192	95	406	2667	352	2264	21364

**Table 8:
Number of animals used in toxicological and other safety evaluations**

8.1 Product	8.2 Acute and sub-acute toxicity testing methods (including limit test)			8.3 Skin irritation	8.4 Skin sensitisation	8.5 Eye irritation	8.6 Subchronic and chronic toxicity	8.7 Carcinogenicity	8.8 Developmental toxicity	8.9 Mutagenicity	8.10 Reproductive toxicity	8.11 Toxicity to aquatic vertebrates not included in other columns	8.12 Other	8.13 Total
	8.2.1 LD50, LC50	8.2.2 Other lethal methods	8.2.3 Non lethal clinical signs methods											
8.a Products/ substances or devices for human medicine and dentistry and for veterinary medicine	0	0	6019	6	1392	10	6538	192	95	84	210	0	116	14662
8.b Products/ substances used or intended to be used mainly in agriculture	0	0	0	0	0	0	0	0	0	0	2457	0	312	2769
8.c Products/ substances used or intended to be used mainly in industry	765	0	10	0	0	0	410	0	0	2	0	352	32	1571
8.d Products/ substances used or intended to be used mainly in the household	0	0	0	0	0	0	48	0	0	0	0	0	622	670
8.e Products/ substances used or intended to be used mainly as cosmetics or toiletries	0	0	12	0	0	0	0	0	0	0	0	0	0	12
8.f Products/ substances used or intended to be used mainly as additives in food for human consumption	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.g Products/ substances used or intended to be used mainly as additives in food for animal consumption	0	0	18	0	0	0	0	0	0	0	0	0	0	18
8.h Potential or actual contaminants in the general environment which do not appear in other columns	0	0	0	0	0	0	0	0	0	112	0	0	207	319
8.j Other toxicological or safety evaluations	0	0	8	0	30	0	122	0	0	208	0	0	975	1343
Total	765	0	6067	6	1422	10	7118	192	95	406	2667	352	2264	21364