

Restricted

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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 2003**

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Table 1 : Number of animals used in relation to their place of origin – DENMARK 2003

| 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 |
|--|---------------|--|---|---|-----------------------------------|-----------------|
| Species | Total | Animals coming from registered breeding or supplying establishments within the reporting country | Animals coming from elsewhere in the EC | Animals coming from Member Countries of the Council of Europe which are parties to the Convention ETS 123 (excluding EC MemberStates) | Animals coming from other origins | Re-used animals |
| 1.a. Mice (<i>Mus musculus</i>) | 226670 | 102051 | 122215 | 654 | 1750 | 206 |
| 1.b. Rats (<i>Rattus Norvegicus</i>) | 76299 | 47702 | 27704 | 184 | 709 | 128 |
| 1.c. Guinea-Pigs (<i>Cavia porcellus</i>) | 5328 | 3597 | 1653 | 78 | 0 | 0 |
| 1.d. Hamsters (<i>Mesocricetus</i>) | 153 | 66 | 87 | 0 | 0 | 0 |
| 1.e. Other Rodents (other Rodentia) | 9934 | | | | | |
| 1.f. Rabbits (<i>Oryctolagus cuniculus</i>) | 5752 | 4257 | 1261 | 222 | 12 | 777 |
| 1.g. Cats (<i>Felis catus</i>) | 31 | 14 | 10 | 3 | 4 | 0 |
| 1.h. Dogs (<i>Canis familiaris</i>) | 292 | 8 | 241 | 0 | 43 | 130 |
| 1.i. Ferrets (<i>Mustela putorius furo</i>) | 1 | 0 | 0 | 0 | 1 | 0 |
| 1.j. Other Carnivores (other Carnivora) | 711 | | | | | |
| 1.k. Horses, donkeys and cross breeds (<i>Equidae</i>) | 42 | | | | | |
| 1.l. Pigs (<i>Sus</i>) | 6309 | | | | | |
| 1.m. Goats (<i>Capra</i>) | 150 | | | | | |
| 1.n. Sheep (<i>Ovis</i>) | 245 | | | | | |
| 1.o. Cattle (<i>Bos</i>) | 38 | | | | | |
| 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>) | 61 | | | | | |
| 1.u. Quail (<i>Coturnix coturnix</i>) | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.v. Other birds (other <i>Aves</i>) | 3044 | | | | | |
| 1.w. Reptiles (<i>Reptilia</i>) | 43 | | | | | |
| 1.x. Amphibians (<i>Amphibia</i>) | 295 | | | | | |
| 1.y. Fish (<i>Pisces</i>) | 31056 | | | | | |
| Total | 366954 | | | | | |

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 - DENMARK 2003

| 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(exclu ding 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 | 37272 | 149132 | 13922 | 34 | 9094 | 8408 | 1329 | 7479 | 226670 |
| 2.b. Rats | 14241 | 46381 | 1831 | 0 | 8214 | 1818 | 2631 | 1183 | 76299 |
| 2.c. Guinea-Pigs | 179 | 763 | 2325 | 392 | 1542 | 106 | 21 | 0 | 5328 |
| 2.d. Hamsters | 39 | 92 | 0 | 0 | 22 | 0 | 0 | 0 | 153 |
| 2.e. Other Rodents | 69 | 9865 | 0 | 0 | 0 | 0 | 0 | 0 | 9934 |
| 2.f. Rabbits | 413 | 776 | 1136 | 0 | 486 | 2762 | 75 | 104 | 5752 |
| 2.g. Cats | 30 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 31 |
| 2.h. Dogs | 43 | 71 | 0 | 0 | 170 | 0 | 8 | 0 | 292 |
| 2.i. Ferrets | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2.j. Other Carnivores | 411 | 0 | 0 | 252 | 0 | 4 | 38 | 6 | 711 |
| 2.k. Horses, donkeys and cross breeds | 0 | 9 | 12 | 0 | 0 | 0 | 16 | 5 | 42 |
| 2.l. Pigs | 3176 | 1186 | 0 | 129 | 434 | 350 | 674 | 360 | 6309 |
| 2.m. Goats | 14 | 0 | 0 | 0 | 0 | 130 | 0 | 6 | 150 |
| 2.n. Sheep | 182 | 56 | 7 | 0 | 0 | 0 | 0 | 0 | 245 |
| 2.o. Cattle | 374 | 6 | 0 | 33 | 0 | 2 | 90 | 33 | 538 |
| 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 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| 2.u. Quail | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.v. Other birds | 2263 | 0 | 0 | 6 | 0 | 720 | 55 | 0 | 3044 |
| 2.w. Reptiles | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| 2.x. Amphibians | 67 | 78 | 0 | 0 | 0 | 0 | 150 | 0 | 295 |
| 2.y. Fish | 13996 | 11278 | 0 | 2550 | 2060 | 0 | 22 | 1150 | 31056 |
| Total | 72874 | 219693 | 19233 | 396 | 22022 | 14300 | 5110 | 10326 | 366954 |

Table 3: Number of animals used in toxicological and other safety evaluation – DENMARK 2003

| 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 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 | 7450 | 0 | 1374 | 0 | 0 | 0 | 0 | 8 | 262 | 9094 |
| 3.b. Rats | 4657 | 1720 | 1035 | 377 | 0 | 0 | 0 | 0 | 425 | 8214 |
| 3.c. Guinea-Pigs | 1497 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 1542 |
| 3.d. Hamsters | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 3.e. Other Rodents | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.f. Rabbits | 273 | 0 | 0 | 148 | 0 | 0 | 0 | 0 | 65 | 486 |
| 3.g. Cats | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3.h. Dogs | 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170 |
| 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 | 434 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 434 |
| 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 | 2060 | 0 | 0 | 0 | 0 | 0 | 0 | 2060 |
| Total | 14503 | 1720 | 4514 | 525 | 0 | 0 | 0 | 8 | 752 | 22022 |

Table 4: Number of animals used in experiments for studies on human and animal diseases – DENMARK 2003

| 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 | 2291 | 107212 | 14688 | 29632 | 3926 | 157749 |
| 4.b. Rats | 2645 | 33080 | 130 | 16969 | 19 | 52843 |
| 4.c. Guinea-Pigs | 0 | 138 | 0 | 526 | 0 | 664 |
| 4.d. Hamsters | 0 | 0 | 0 | 40 | 67 | 107 |
| 4.e. Other Rodents | 0 | 9825 | 0 | 40 | 0 | 9865 |
| 4.f. Rabbits | 233 | 168 | 0 | 528 | 1 | 930 |
| 4.g. Cats | 0 | 30 | 0 | 0 | 0 | 30 |
| 4.h. Dogs | 0 | 27 | 2 | 42 | 32 | 103 |
| 4.i. Ferrets | 0 | 1 | 0 | 0 | 0 | 1 |
| 4.j. Other Carnivores | 0 | 0 | 0 | 0 | 4 | 4 |
| 4.k. Horses, donkeys and cross breeds | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.l. Pigs | 432 | 94 | 8 | 663 | 842 | 2039 |
| 4.m. Goats | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.n. Sheep | 0 | 0 | 0 | 30 | 136 | 166 |
| 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 | 4 | 1646 | 1650 |
| 4.w. Reptiles | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.x. Amphibians | 0 | 28 | 0 | 9 | 0 | 37 |
| 4.y. Fish | 0 | 0 | 0 | 0 | 2002 | 2002 |
| Total | 5601 | 150603 | 14828 | 48483 | 8675 | 228190 |

**Table 5: Number of animals used in production and quality control of products and devices for human medicine and dentistry and for veterinary medicine
DENMARK 2003**

| 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 | 12 | 922 | 0 | 0 | 12413 | 609 | 13956 |
| 5.b. Rats | 0 | 93 | 0 | 130 | 708 | 900 | 1831 |
| 5.c. Guinea-Pigs | 384 | 0 | 0 | 0 | 1943 | 390 | 2717 |
| 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 | 51 | 0 | 151 | 723 | 211 | 1136 |
| 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 | 252 | 0 | 252 |
| 5.k. Horses, donkeys and cross breeds | 0 | 0 | 0 | 0 | 0 | 12 | 12 |
| 5.l. Pigs | 81 | 0 | 0 | 0 | 48 | 0 | 129 |
| 5.m. Goats | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.n. Sheep | 0 | 0 | 0 | 0 | 0 | 7 | 7 |
| 5.o. Cattle | 30 | 0 | 0 | 0 | 3 | 0 | 33 |
| 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 | 2550 | 2550 |
| Total | 507 | 1066 | 0 | 281 | 16096 | 4679 | 22629 |

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).

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.

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.

Table 6: Number of animals used in toxicological and other safety evaluations – DENMARK 2003

| 6.1 Species | 6.2 National legislation specific to a single EC Member State 1) | 6.3 EC legislation including European Pharmacopoei a (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 | 91 | 0 | 0 | 0 | 3324 | 5679 | 9094 |
| 6.b. Rats | 44 | 0 | 0 | 0 | 4621 | 3549 | 8214 |
| 6.c. Guinea-Pigs | 0 | 0 | 0 | 0 | 1501 | 41 | 1542 |
| 6.d. Hamsters | 0 | 0 | 0 | 0 | 22 | 0 | 22 |
| 6.e. Other Rodents | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6.f. Rabbits | 0 | 0 | 0 | 0 | 338 | 148 | 486 |
| 6.g. Cats | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6.h. Dogs | 0 | 0 | 0 | 0 | 170 | 0 | 170 |
| 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 | 434 | 0 | 434 |
| 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 | 2060 | 0 | 0 | 2060 |
| Total | 135 | 0 | 0 | 2060 | 10410 | 9417 | 22022 |

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).

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.

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.