

# **RABIES BULLETIN EUROPE**

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# 1. EDITORIAL

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In this issue, for the first time in the history of the Rabies Bulletin Europe we present the numbers of animals tested for rabies in the European countries (see 4.3).

This data will make it possible to gain more accurate information on the rabies surveillance in the reporting countries.

The presentation of the numbers of animals tested for rabies will be printed in future at the end of each reporting year. A description of the data origins and a more detailed analysis of the present data will be published in the next issue of the Rabies Bulletin Europe.

To support veterinary and public health authorities a leaflet on bat rabies and bat conservation is introduced in this issue. The leaflet gives guidance and information for the education of the public on this often difficult issue. The leaflet is also available on the website of the Rabies Bulletin Europe.

The Announcement of the International Conference „Rabies in Europe“ held in Kiev, Ukraine on December 7th-9th, 2004 is also published in this issue. This conference plans to add a strong scientific component to the regular rabies control meetings held in the past years.

Carsten J. Pöttsch

**2 SUMMARY OF RABIES CASES IN EUROPE**

RABIES CASES		4th QUARTER 2003					TOTAL 2003					Remarks
Name	Code	Total	Wildlife	Domestic animals	Bats	Human	Total	Wildlife	Domestic animals	Bats	Human	
ALBANIA	ALB	0	0	0			2	2	0	0	0	
AUSTRIA	AUT	0	0	0			1	0	1	0	0	
BELARUS	BLR	158	98	60	0	0	1077	761	316	0	0	
BELGIUM	BEL	0	0	0			0	0	0	0	0	rabies free
BOSNIA A HERCEGOVINA	BIH	21	14	7	0	0	80	63	17	0	0	
BULGARIA	BGR	9	8	1	0	0	19	15	4	0	0	
CROATIA	HRV	177	163	14	0	0	633	590	43	0	0	
CYPRUS	CYP	0	0	0			0	0	0			
CZECH REPUBLIC	CZH	0	0	0			0	0	0			
DENMARK	DNK	0	0	0			3	0	0	3	0	
ESTONIA	EST	184	143	41	0	0	814	697	117	0	0	
FINLAND	FIN	0	0	0			1	0	1	0	0	rabies free
FRANCE	FRA	1	0	0	1	0	2	0	0	2	0	
GERMANY	DEU	8	7	0	1	0	37	24	0	13	0	
GREECE	GRC	0	0	0			0	0	0			
HUNGARY	HUN	58	46	12	0	0	172	129	43	0	0	
ICELAND	ISL	0	0	0			0	0	0			rabies free
IRELAND	IRE	0	0	0			0	0	0			rabies free
ITALY	ITA	0	0	0			0	0	0			rabies free
LATVIA	LVA	225	191	34	0	0	964	828	135	0	1	
LITHUANIA	LTU	261	153	108	0	0	1108	796	312	0	0	
LUXEMBOURG	LUX	0	0	0			0	0	0			rabies free
MACEDONIA	MKD	0	0	0			0	0	0			
MOLDOVA	MDA	9	3	6	0	0	33	13	20	0	0	
NETHERLANDS	NED	0	0	0			7	0	0	7	0	
NORWAY	NOR	0	0	0			0	0	0			rabies free
POLAND	POL	73	53	20	0	0	388	310	72	6	0	
PORTUGAL	PRT	0	0	0			0	0	0			rabies free
ROMANIA	ROU	20	14	6	0	0	95	67	28	0	0	
RUSSIAN FEDERATION	RUS	389	121	266	0	2	2866	1360	1502	1	3	
SERBIA A MONTENEGRO	SCG	80	67	13	0	0	261	207	54	0	0	
SLOVAK REPUBLIC	SVK	64	58	6	0	0	326	284	42	0	0	
SLOVENIA	SVN	5	5	0	0	0	8	8	0	0	0	
SPAIN	ESP	0	0	0			0	0	0			
SWEDEN	SWE	0	0	0			0	0	0			rabies free
SWITZERLAND + LIEC.	CHE	0	0	0			1	0	1	0	0	
TURKEY	TUR	38	1	37	0	0	156	17	139	0	0	
UNITED KINGDOM	UNK	0	0	0			0	0	0			
UKRAINE	UKR	428	199	229	0	0	2031	924	1104	1	2	
<b>total</b>		<b>2208</b>	<b>1344</b>	<b>860</b>	<b>2</b>	<b>2</b>	<b>11085</b>	<b>7095</b>	<b>3951</b>	<b>33</b>	<b>6</b>	

Wildlife: excluding bats

Bulgaria: correct figures for 3rd quarter: 2 cases in foxes in Montana and Vidin

## 3. MISCELLANEOUS ARTICLES

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### 3.1 First Announcement: International Conference „Rabies in Europe“, Kiev, Ukraine, December 7<sup>th</sup>-9<sup>th</sup>, 2004

The World Organisation for Animal Health (OIE), the World Health Organisation (WHO), the European Commission in collaboration with the three WHO Collaborating Centres for Rabies in Europe (Nancy, Wusterhausen, Weybridge) and the French Food Safety Agency (AFSSA) are organising an International Conference “Rabies in Europe”, which will be held in Kiev (Ukraine) from December 6<sup>th</sup> to 9<sup>th</sup>, 2004.

The last scientific European rabies conference took place in Piestany, Slovakia, 1993. The purpose of the 2004 conference is therefore, to provide after more than 10 years a multidisciplinary forum for the exchange of the latest scientific information on rabies research as well as on the control and survey of human and animal rabies in Europe. The principal topics will include:

- Epidemiology
- Rabies diagnosis
- Animal rabies control
- Human rabies prevention
- Vaccinology and immunology
- Bat rabies

The conference is specifically addressed to scientists working on rabies prevention and control, veterinary and medical Officers, and relevant

representatives of the private sector. The Chief Veterinary Officer, the Chief Medical Officer and national scientific experts on rabies of each European country will be invited to participate in the conference. In addition to invited speakers who will give introductory presentations for each session, there will be a call for offered papers. Final recommendations and conclusions will be developed by specific working groups at the end of the meeting. The proceedings will be published after the conference in a suitable journal.

Members of the Steering Committee include: Nikola Belev, Alejandro Schudel (OIE), François Xavier Meslin (WHO), Jaques Fevrier (EU Commission), Florence Cliquet (AFSSA Nancy), Anthony Fooks (VLA Weybridge), Thomas Müller (FRCVDA, Wusterhausen) and Catherine Rogy (AFSSA Paris).

All relevant information and updates about the Conference (title, dates, location, organisers, scientific committee, scope and objectives of the conference, detailed description of the topics, a provisional agenda, entry requirements for Ukraine, registration, call for papers, etc.) will be available at the OIE web site ([www.oie.int](http://www.oie.int)) and WHO web site ([www.who.int](http://www.who.int)) at the beginning of May.

### 3.2 Introduction of an information leaflet on bat rabies and bat conservation

This leaflet has been compiled by the WHO Collaborating Centre for Rabies Surveillance and Research in Wusterhausen together with bat conservationists. It provides both information on bat conservation and bat

rabies and can be used as an information source for the interested public. The leaflet can be downloaded from the RBE website ([www.who-rabies-bulletin.org](http://www.who-rabies-bulletin.org)), volume 27, no. 4.

# Bats

## Species protection and rabies

### Information sheet



**Federal Research Centre  
for Virus Diseases of Animals**

**WHO Collaborating Centre for Rabies  
Surveillance and Research**

**Bats are protected animals.** Europe has at least 32 different bat species. All of our indigenous bats exclusively live on insects and, thus, are completely harmless. All flying mammals are severely endangered or threatened with extinction and, therefore, are strictly protected according to the **Flora, Fauna, Habitat Guidelines of the European Union (92/43/EEC)**. They live in houses, trees or underground dwellings, such as caves (both, natural and man-made) and cellars. In buildings, they often live in attics, casings and behind shutters. With their adaptation to buildings as a habitat, contacts with humans have become unavoidable. During their initial flights young bats repeatedly happen to enter buildings, where normally they are not to be found.



Bats, too, suffer from infectious diseases. Thus, it may happen that bats are found in the vicinity of houses and are taken to a care centre for treatment or care. If, in spite of the treatment, the animals die within a short time, sometimes **rabies** is found to be the cause of death.

**What is so special about this?** Let us recall the times when rabies still was prevalent in Europe. Although foxes were the actual reservoir, animals of various species contracted the disease, among them certainly in isolated cases also bats. However, the situation in bats is a completely different one than in other animal species. To explain this, a brief historical excursion is required.

- In Europe, rabies first was detected in a bat in 1956 in Hamburg, Germany. Rabies in bats used to be a rare finding and occurred only sporadically until 1985.
- When in 1970 a person died in South Africa due to an injury caused by a bat, it was found out that the causative virus was **not** identical with the so far known rabies viruses.

The detected virus was designated Duvenhage-type. Two further virus types which were also distinguishable from the classical rabies virus were already known. The first viruses isolated from bats in Germany also were very similar to the Duvenhage-type. Only by means of improved diagnostic methods it was possible to show that they were independent virus types, which then were designated **European Bat Lyssavirus 1 and 2 (EBLV-1, -2 or European Bat Rabies Viruses)**. Thus, bat rabies is an independent disease clearly distinct from fox rabies.

The term „rabies-like viruses“ also is used. However, this term is misleading, as it does not stipulate the true danger of these viruses.

- In October 1985 a Swiss biologist died after being ill for 21 days. 51 days before he became ill, he had been bitten by a bat (*Myotis daubentonii*). Post mortem a rabies virus related to the Duvenhage-type was detected, which later on was identified as EBLV-2.
- So far, only 4 cases of bat rabies in humans have been reported in Europe, which were either caused by variant 1 or 2 of the EBL viruses. The most recent case occurred in a wildlife biologist from Scotland, who died from an infection with EBLV-2 in November 2002.

In farmed and domestic animals a rabies infection transmitted by bats only was reported in sheep (1998, 2002) in Denmark. In 2002, a case of EBLV-1 infection in a wild beech marten was reported in Germany.

**How common is bat rabies?** Rabies in flying mammals (chiroptera) occurs worldwide, however, it is neither transmitted by the same species nor caused by the same virus in all parts of the world. Rabies is known in blood licking bats (vampires) in South America, in molosses in Central America, Africa and Asia, and in insect-eating bats in Europe and North America. Recently,

rabies also has been detected in flying foxes in Australia and in bats from Asia. From 1977 to 2003, 729 cases of bat rabies were detected in Europe. More than 90 percent of these findings came from Denmark, the Netherlands, Germany and Poland. Only 50 cases were detected in other European countries, the majority of them in France and Spain. So far, only isolated cases have been reported in countries like Switzerland, Great Britain, the Czech Republic, Slovakia, Hungary, the Ukraine and Russia. In other European regions bat rabies has not been detected so far. However, the extend of bat rabies surveillance is often not comparable between countries or sometimes no examinations are carried out.

**What do we really know?** Our overall knowledge on the occurrence of bat rabies is only fragmentary. This is due to the fact that in the past examinations usually were only carried out in association with injuries of humans caused by grounded bats. Especially often, bat rabies is reported in the common serotine bat (*Eptesicus serotinus*). This bat species mostly lives in buildings and therefore is also the most frequently examined one.

**What needs to be done?** On one hand it is necessary to gather more information on the occurrence and epidemiology of bat rabies. On the other hand, we have to observe the requirements of species protection. In close collaboration with biologists and bat friends the knowledge on bat rabies must be increased. Research programmes which, if possible, should include the examination results of all animals found dead, have already been launched successfully.

Information is necessary,

- to reduce unfounded fears and, thus, actively contribute to the protection of these species,
- to be able to recommend preventive measures for persons with an increased risk of infection.

**What are the signs of a rabies infection in a bat?** Bats suffering from rabies mostly lie on the ground, where they are an easy prey for cats and dogs, which, however, in most cases will not eat them.

They show abnormal behaviour patterns such as attacking of close-by objects, orientation difficulties, difficulties in swallowing and paralysis resulting in an inability to fly. As a general rule, all bats which are found during daytime (although usually nocturnal animals) or which show some kind of abnormal behaviour presumably are ill or enfeebled. However, neither grounded young animals nor faeces nor hibernating animals represent a threat.

**How great is the danger for humans?** A certain risk only exists when persons who are inexperienced in handling bats, touch an animal and are bitten due to its defensive instinct. An increased health risk is only present for persons who frequently come in contact with bats, either professionally or in their spare time. The risk for the occupiers of premises inhabited by bats is not increased, if direct contact with the animals is avoided. Spreading of **panic** from bat rabies would be **unfounded** and would be counterproductive with regard to the protection of these endangered animal species.

**What should you do when you find a suspect bat?** First of all, keep calm. Do not touch the bat with bare hands. Use thick gloves to put the animal in a cardboard box with small holes. Close the box tightly and store it in a cool place. Notify a bat official or the responsible veterinary agency. They will know how to handle the animal. Should you be bitten, rinse the bite thoroughly with water and soap and disinfect it. In any case contact your physician or a rabies information centre, even if you are unsure whether you have been bitten or not. For further questions please contact the local health departments and veterinary agencies or a public health officer.

The **WHO** recommends:

All persons who are exposed to bats should be vaccinated preventively against rabies. If this has not been done, a *post factum* vaccination and treatment is possible or even mandatory after a bite or after exposure to bats.

The rabies vaccines available today are well tolerated and provide a reliable protection from an infection with rabies. Only few vaccinations are required.



**Please bear the following in mind!** Bats are fascinating fellow creatures and are an important element of a functioning ecosystem. Only exceptionally they can transmit rabies. And still, with a little knowledge and respect for the environment, a coexistence of bats and humans is possible. Taking a little caution you will not only protect yourself, but you will also contribute actively to the protection of an endangered species.

#### Important contacts:

- Ministries for Health
- Ministries for the Environment
- Nature Conservation Agencies
- Voluntary regional bat representatives
- Environmental protection organisations
- EUROBATS
- Local health and veterinary agencies
- Local public health officers
- Local rabies information and vaccination centres
- Local veterinary diagnostic laboratories
- WHO Collaborating Centre for Rabies Surveillance and Research, Federal Research Institute for Animal Virus Diseases, Wusterhausen, Germany
- WHO Collaborating Centre for the Characterization of Rabies and Rabies-Related Viruses, Veterinary Laboratories Agency, New Haw, Addlestone, Surrey, UK
- WHO Collaborating Centre for Management and Control of Zoonosis, AFSSA Nancy, Malzeville, France.

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**Photos/Source:** Institute of Zoology II, University of Erlangen

**Print:** Federal Research Centre for Virus Diseases of Animals, Wusterhausen

## 4 DISTRIBUTION OF RABIES IN EUROPE

### 4.1 Country summaries of rabies cases, 4th quarter 2003

01.10.03 -31.12.03

Country		Domestic animals									Wildlife												bat	Human cases	total		
		dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer				other	subtotal
Name	Code																										
ALBANIA	ALB *								0															0		0	
AUSTRIA	AUT *								0															0		0	
BELARUS	BLR	14	25	19	2	0	0	0	0	60	60	36	0	0	2	0	0	0	0	0	0	0	0	98	0	0	158
BELGIUM	BEL *								0															0		0	
BOSNIA A HERCEGOVINA	BIH	1	3	3	0	0	0	0	0	7	14	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	21
BULGARIA	BGR	1	0	0	0	0	0	0	0	1	6	0	0	2	0	0	0	0	0	0	0	0	0	8	0	0	9
CROATIA	HRV	8	4	0	0	2	0	0	0	14	160	0	0	0	1	0	1	0	0	0	0	0	1	163	0	0	177
CYPRUS	CYP *								0															0		0	
CZECH REPUBLIC	CZH *								0															0		0	
DENMARK	DNK *								0															0		0	
ESTONIA	EST	7	7	25	1	1	0	0	0	41	44	94	0	0	0	0	3	1	0	0	0	0	1	143	0	0	184
FINLAND	FIN *								0															0		0	
FRANCE	FRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
GERMANY	DEU	0	0	0	0	0	0	0	0	0	6	0	0	0	1	0	0	0	0	0	0	0	0	7	1	0	8
GREECE	GRC *								0															0		0	
HUNGARY	HUN	1	6	4	1	0	0	0	0	12	46	0	0	0	0	0	0	0	0	0	0	0	0	46	0	0	58
ICELAND	ISL *								0															0		0	
IRELAND	IRE *								0															0		0	
ITALY	ITA *								0															0		0	
LATVIA	LVA	10	14	10	0	0	0	0	0	34	83	91	0	0	5	4	3	1	0	1	0	0	3	191	0	0	225
LITHUANIA	LTU	7	21	73	7	0	0	0	0	108	58	79	0	0	1	13	1	0	0	1	0	0	0	153	0	0	261
LUXEMBOURG	LUX *								0															0		0	
MACEDONIA	MKD *								0															0		0	
MOLDOVA	MDA	1	2	3	0	0	0	0	0	6	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	9
NETHERLANDS	NED *								0															0		0	
NORWAY	NOR *								0															0		0	
POLAND	POL	4	1	15	0	0	0	0	0	20	32	20	0	0	0	1	0	0	0	0	0	0	0	53	0	0	73
PORTUGAL	PRT *								0															0		0	
ROMANIA	ROU	1	2	3	0	0	0	0	0	6	13	0	0	0	0	0	0	0	0	0	0	0	1	14	0	0	20
RUSSIAN FEDERATION	RUS	77	75	98	3	8	4	1	0	266	101	11	0	6	0	0	1	1	1	0	0	0	0	121	0	2	389
SERBIA A MONTENEGRO	SCG	4	7	1	1	0	0	0	0	13	67	0	0	0	0	0	0	0	0	0	0	0	0	67	0	0	80
SLOVAK REPUBLIC	SVK	1	5	0	0	0	0	0	0	6	56	0	0	0	1	1	0	0	0	0	0	0	0	58	0	0	64
SLOVENIA	SVN	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
SPAIN	ESP *								0															0		0	
SWEDEN	SWE *								0															0		0	
SWITZERLAND + LIEC.	CHE *								0															0		0	
TURKEY	TUR	13	0	12	2	10	0	0	0	37	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	38
UNITED KINGDOM	UNK *								0															0		0	
UKRAINE	UKR	70	89	67	0	2	1	0	0	229	181	1	7	1	0	5	1	0	0	0	0	0	3	199	0	0	428
<b>TOTAL</b>		<b>220</b>	<b>261</b>	<b>333</b>	<b>17</b>	<b>23</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>860</b>	<b>935</b>	<b>332</b>	<b>7</b>	<b>9</b>	<b>11</b>	<b>24</b>	<b>11</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>1344</b>	<b>2</b>	<b>2</b>	<b>2208</b>
PER CENT		10,0%	11,8%	15,1%	0,8%	1,0%	0,2%	0,0%	0,0%	38,9%	42,3%	15,0%	0,3%	0,4%	0,5%	1,1%	0,5%	0,1%	0,0%	0,1%	0,0%	0,0%	0,4%	60,9%	0,1%	0,1%	100%

\* NO CASES

Bulgaria: correct figures for 3rd quarter: 2 cases in foxes in Montana and Vidin



4.2 Country summaries of rabies cases, 2003 total

01.01.03 -31.12.03

Country		Domestic animals									Wildlife											bat	Human cases	total			
		dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer				fallow deer	other	subtotal
Name	Code																										
ALBANIA	ALB	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	
AUSTRIA	AUT	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
BELARUS	BLR	133	119	57	6	0	0	0	1	316	622	102	0	9	14	8	0	0	0	0	0	6	761	0	0	1077	
BELGIUM	BEL *									0													0		0		
BOSNIA A HERCEGOVINA	BIH	5	5	6	0	1	0	0	0	17	63	0	0	0	0	0	0	0	0	0	0	0	63	0	0	80	
BULGARIA	BGR	2	0	0	0	2	0	0	0	4	13	0	0	2	0	0	0	0	0	0	0	0	15	0	0	19	
CROATIA	HRV	21	14	2	2	3	0	0	1	43	583	0	0	0	3	0	2	0	0	0	0	2	590	0	0	633	
CYPRUS	CYP *									0													0		0		
CZECH REPUBLIC	CZH *									0													0		0		
DENMARK	DNK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	
ESTONIA	EST	34	28	51	1	2	0	0	1	117	316	361	0	0	9	0	7	1	0	0	0	3	697	0	0	814	
FINLAND	FIN ***	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
FRANCE	FRA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	
GERMANY	DEU	0	0	0	0	0	0	0	0	0	21	0	0	0	2	0	0	0	1	0	0	0	24	13	0	37	
GREECE	GRC *									0													0		0	0	
HUNGARY	HUN	5	18	18	1	0	1	0	0	43	128	0	0	0	0	0	0	0	0	1	0	0	129	0	0	172	
ICELAND	ISL *									0													0		0	0	
IRELAND	IRE *									0													0		0	0	
ITALY	ITA *									0													0		0	0	
LATVIA	LVA	62	52	21	0	0	0	0	0	135	470	285	0	0	33	14	13	5	0	3	2	3	828	0	1	964	
LITHUANIA	LTU	56	81	152	12	2	0	9	0	312	378	299	0	0	11	81	16	4	0	3	0	4	796	0	0	1108	
LUXEMBOURG	LUX *									0													0		0	0	
MACEDONIA	MKD *									0													0		0	0	
MOLDOVA	MDA	3	6	10	0	1	0	0	0	20	13	0	0	0	0	0	0	0	0	0	0	0	13	0	0	33	
NETHERLANDS	NED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	7	
NORWAY	NOR *									0													0		0	0	
POLAND	POL	19	27	26	0	0	0	0	0	72	233	55	0	0	4	12	2	0	0	3	0	1	310	6	0	388	
PORTUGAL	PRT *									0													0		0	0	
ROMANIA	ROU	8	5	12	0	3	0	0	0	28	60	0	0	0	2	0	0	0	1	0	0	4	67	0	0	95	
RUSSIAN FEDERATION	RUS	624	347	426	13	38	28	24	2	1502	1244	53	0	17	10	10	13	9	1	1	0	2	1360	1	3	2866	
SERBIA A MONTENEGRO	SCG	17	29	4	3	1	0	0	0	54	205	0	0	0	2	0	0	0	0	0	0	0	207	0	0	261	
SLOVAK REPUBLIC	SVK	18	21	1	0	1	0	1	0	42	274	0	0	0	1	6	1	2	0	0	0	0	284	0	0	326	
SLOVENIA	SVN	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	
SPAIN	ESP *									0													0		0	0	
SWEDEN	SWE *									0													0		0	0	
SWITZERLAND + LIEC.	CHE **	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
TURKEY	TUR	59	8	55	4	13	0	0	0	139	13	0	0	0	1	1	0	2	0	0	0	0	17	0	0	156	
UNITED KINGDOM	UNK *									0													0		0	0	
UKRAINE	UKR	369	442	257	10	23	3	0	0	1104	816	8	27	10	7	32	11	0	2	2	0	9	924	1	2	2031	
<b>TOTAL</b>		<b>1436</b>	<b>1202</b>	<b>1098</b>	<b>54</b>	<b>90</b>	<b>32</b>	<b>34</b>	<b>5</b>	<b>3951</b>	<b>5462</b>	<b>1163</b>	<b>27</b>	<b>38</b>	<b>96</b>	<b>166</b>	<b>66</b>	<b>21</b>	<b>5</b>	<b>14</b>	<b>3</b>	<b>0</b>	<b>34</b>	<b>7095</b>	<b>33</b>	<b>6</b>	<b>11085</b>
PER CENT		13,0%	10,8%	9,9%	0,5%	0,8%	0,3%	0,3%	0,0%	35,6%	49,3%	10,5%	0,2%	0,3%	0,9%	1,5%	0,6%	0,2%	0,0%	0,1%	0,0%	0,0%	0,3%	64,0%	0,3%	0,1%	100%

\* NO CASES

\*\* 1 IMPORTED CASE FROM NORTH AFRICA

\*\*\* 1 IMPORTED CASE

## 4.3 Rabies cases per country and administrative units, 4th quarter 2003

01.10.03 -31.12.03

Location	Domestic animals										Wildlife												bat	Human cases	total						
	dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer	other				subtotal					
<b>SLOVENIA</b>																															
Osrednjeslovenska	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	
PER CENT	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>BELARUS</b>																															
Brest	1	1	13	0	0	0	0	0	15	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	19		
Vitebsk	2	9	0	0	0	0	0	0	11	16	32	0	0	1	0	0	0	0	0	0	0	0	0	0	49	0	0	60			
Gomel	3	8	1	0	0	0	0	0	12	16	1	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	29				
Grodn	4	5	4	1	0	0	0	0	14	13	0	0	0	1	0	0	0	0	0	0	0	0	0	14	0	0	28				
Minsk	3	1	1	1	0	0	0	0	6	7	2	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	15				
Mogelov	1	1	0	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	7				
<b>TOTAL</b>	<b>14</b>	<b>25</b>	<b>19</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>60</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>98</b>	<b>0</b>	<b>0</b>	<b>158</b>				
PER CENT	8,9%	15,8%	12,0%	1,3%	0,0%	0,0%	0,0%	0,0%	38,0%	38,0%	22,8%	0,0%	0,0%	1,3%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	62,0%	0,0%	0,0%	100%				
<b>BOSNIA AND HERZEGOVINA</b>																															
Banja Luka	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
Bijeljina	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1				
Celinac	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2				
Doboj	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Novi Grad	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1					
K.Dubica	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1					
Pale	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
Prijedor	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1					
Teslic	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1					
Gracanica	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
Kalesija	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3					
Hadzici	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2					
Kljuc	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1					
Ilijas	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1					
Pale	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2					
Tomislavgrad	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1				
<b>TOTAL</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>21</b>					
PER CENT	4,8%	14,3%	14,3%	0,0%	0,0%	0,0%	0,0%	0,0%	33,3%	66,7%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	66,7%	0,0%	0,0%	100%					

## 4.3 Rabies cases per country and administrative units, 4th quarter 2003 (continued)

01.10.03 -31.12.03

Location  Name	Domestic animals										Wildlife												bat	Human cases	total			
	dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer	other				subtotal		
<b>CROATIA</b>																												
Grad Zagreb	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	13
Brodsko-posavska	1	0	0	0	2	0	0	0	0	3	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	14
Bjelovarsko-bilogorska	0	1	0	0	0	0	0	0	0	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	10
Dubrovacko-neretvanska	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Istarska	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	
Karlovacka	1	0	0	0	0	0	0	0	0	1	11	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	12	
Koprivnicko-križevacka	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Krapinsko-zagorska	0	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	
Licko-senjska	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	
Osjecko-baranjska	2	1	0	0	0	0	0	0	0	3	24	0	0	0	0	0	0	0	0	0	0	0	0	24	0	0	27	
Požeško-slavonska	0	1	0	0	0	0	0	0	0	1	7	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	8	
Primorsko- Goranska	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	
Šibensko- Kninska	1	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	6	
Sisacko-moslavacka	1	0	0	0	0	0	0	0	0	1	12	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	13	
Splitsko-dalmatinska	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	
Virovitičko-podravska	2	0	0	0	0	0	0	0	0	2	9	0	0	0	0	0	1	0	0	0	0	0	1	11	0	0	13	
Varaždinska	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	
Vukovarsko-srijemska	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	
Zadarska	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	
Zagrebacka	0	0	0	0	0	0	0	0	0	0	14	0	0	0	1	0	0	0	0	0	0	0	0	15	0	0	15	
<b>TOTAL</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>163</b>	<b>0</b>	<b>0</b>	<b>177</b>	
PER CENT	4,5%	2,3%	0,0%	0,0%	1,1%	0,0%	0,0%	0,0%	7,9%	90,4%	0,0%	0,0%	0,0%	0,6%	0,0%	0,6%	0,0%	0,0%	0,0%	0,0%	0,0%	0,6%	92%	0,0%	0,0%	100%		
<b>FEDERAL REPUBLIC OF GERMANY</b>																												
Hesse	0	0	0	0	0	0	0	0	0	0	6	0	0	0	1	0	0	0	0	0	0	0	0	7	0	0	7	
Schleswig- Holstein	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>8</b>	
PER CENT	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	75%	0,0%	0,0%	0,0%	12,5%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	88%	12,5%	0,0%	100%		
<b>MOLDOVA</b>																												
Balts	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Lapusna	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Kichinev	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Orhei	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Tighina	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Ungheni	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
<b>TOTAL</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>9</b>	
PER CENT	11,1%	22,2%	33,3%	0,0%	0,0%	0,0%	0,0%	0,0%	66,7%	33,3%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	33%	0,0%	0,0%	100%		

## 4.3 Rabies cases per country and administrative units, 4th quarter 2003 (continued)

01.10.03 -31.12.03

Location  Name	Domestic animals										Wildlife											bat	Human cases	total		
	dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer				other	subtotal
<b>ESTONIA</b>																										
Harjumaa	1	1	1	0	1	0	0	0	4	6	5	0	0	0	0	0	0	0	0	0	0	0	11	0	0	15
Hiiumaa	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	4	0	0	4	
Ida-Virumaa	0	0	0	0	0	0	0	0	0	4	12	0	0	0	0	0	0	0	0	0	0	16	0	0	16	
Järvamaa	0	0	2	0	0	0	0	0	2	1	3	0	0	0	0	1	1	0	0	0	0	6	0	0	8	
Jõgevamaa	0	2	4	0	0	0	0	0	6	3	13	0	0	0	0	0	0	0	0	0	0	16	0	0	22	
Läänemaa	1	0	9	0	0	0	0	0	10	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	12	
Lääne-Virumaa	3	0	0	0	0	0	0	0	3	2	7	0	0	0	0	0	0	0	0	0	0	9	0	0	12	
Pänumaa	0	2	4	0	0	0	0	0	6	9	18	0	0	0	0	1	0	0	0	0	0	28	0	0	34	
Põlvamaa	2	0	0	1	0	0	0	0	3	2	5	0	0	0	0	0	0	0	0	0	0	7	0	0	10	
Raplamaa	0	0	2	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	4	0	0	6	
Saaremaa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1		
Tartumaa	0	2	0	0	0	0	0	0	2	7	18	0	0	0	0	0	0	0	0	0	1	26	0	0	28	
Valgamaa	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	2		
Viljandimaa	0	0	3	0	0	0	0	0	3	3	6	0	0	0	0	1	0	0	0	0	0	10	0	0	13	
Võrumaa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1		
<b>TOTAL</b>	<b>7</b>	<b>7</b>	<b>25</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>44</b>	<b>94</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>143</b>	<b>0</b>	<b>0</b>	<b>184</b>
PER CENT	3,8%	3,8%	13,6%	0,5%	0,5%	0,0%	0,0%	0,0%	22,3%	23,9%	51,1%	0,0%	0,0%	0,0%	0,0%	1,6%	0,5%	0,0%	0,0%	0,0%	0,0%	0,5%	77,7%	0,0%	0,0%	100%
<b>HUNGARY</b>																										
Bács-Kiskun	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Baranya	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Békés	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4	0	0	4		
Csongrád	0	0	1	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	3	0	0	4		
Pest	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2		
Hajdú-Bihar	1	0	3	1	0	0	0	0	5	10	0	0	0	0	0	0	0	0	0	0	10	0	0	15		
Jász-Nagykun-Szolnok	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1			
Somogy	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1			
Szabolcs-Szatmár-Bereg	0	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	22	0	0	22			
Tolna	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	2			
Vas	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	2			
Zala	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	2			
<b>TOTAL</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>58</b>
PER CENT	1,7%	10,3%	6,9%	1,7%	0,0%	0,0%	0,0%	0,0%	20,7%	79,3%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	79%	0,0%	0,0%	100%
<b>BULGARIA</b>																										
Vidin	0	0	0	0	0	0	0	0	0	5	0	0	2	0	0	0	0	0	0	0	7	0	0	7		
Targovishte	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1			
Velio Turnovo	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
<b>TOTAL</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>9</b>
PER CENT	11%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	11%	66,7%	0,0%	0,0%	22,2%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	89%	0,0%	0,0%	100%	

## 4.3 Rabies cases per country and administrative units, 4th quarter 2003 (continued)

01.10.03 -31.12.03

Location  Name	Domestic animals										Wildlife											bat	Human cases	total		
	dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer				other	subtotal
<b>LATVIA</b>																										
Aizkraukle	1	0	0	0	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5
Aluksne	0	1	1	0	0	0	0	0	2	3	2	0	0	0	0	1	0	0	0	0	0	1	7	0	0	9
Balvi	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Bauska	0	1	0	0	0	0	0	0	1	6	4	0	0	0	0	0	0	0	0	0	0	0	10	0	0	11
Cesis	0	0	0	0	0	0	0	0	0	4	1	0	0	2	1	0	0	0	0	0	0	0	8	0	0	8
Daugavpils	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7
Dobele	0	1	0	0	0	0	0	0	1	2	11	0	0	1	1	1	0	0	0	0	0	1	17	0	0	18
Gulbene	1	0	1	0	0	0	0	0	2	2	6	0	0	0	0	1	0	0	0	0	0	9	0	0	11	
Jēkabpils									0													0	0	0	0	
Jelgava	0	0	1	0	0	0	0	0	1	6	3	0	0	0	0	0	0	0	0	0	0	1	10	0	0	11
Krāslava	0	1	1	0	0	0	0	0	2	2	6	0	0	1	0	0	0	0	0	0	0	9	0	0	11	
Kuldīga	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	3	
Liepājas	3	0	0	0	0	0	0	0	3	1	5	0	0	0	0	0	0	0	0	0	0	6	0	0	9	
Limbaži	0	1	0	0	0	0	0	0	1	1	6	0	0	0	0	0	0	0	0	0	0	7	0	0	8	
Ludza	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	3	0	0	3	
Madona	0	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	
Ogre	0	0	0	0	0	0	0	0	0	8	4	0	0	0	0	0	0	0	0	0	0	12	0	0	12	
Preiļi	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	
Rēzekne	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	
Rīga	1	3	0	0	0	0	0	0	4	12	8	0	0	0	0	0	0	0	0	0	0	20	0	0	24	
Saldus	1	1	1	0	0	0	0	0	3	4	4	0	0	0	1	0	0	0	0	0	0	9	0	0	12	
Talsi	0	1	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	1	0	0	0	6	0	0	7	
Tukums	0	2	2	0	0	0	0	0	4	3	10	0	0	1	0	0	0	0	0	0	0	14	0	0	18	
Valka	1	1	1	0	0	0	0	0	3	1	2	0	0	0	0	0	0	0	0	0	0	3	0	0	6	
Valmiera	0	1	0	0	0	0	0	0	1	7	8	0	0	0	0	0	0	0	0	0	0	15	0	0	16	
Ventspils	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	5	0	0	5	
<b>TOTAL</b>	<b>10</b>	<b>14</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>83</b>	<b>91</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>191</b>	<b>0</b>	<b>0</b>	<b>225</b>
PER CENT	4,4%	6,2%	4,4%	0,0%	0,0%	0,0%	0,0%	0,0%	15,1%	36,9%	40,4%	0,0%	0,0%	2,2%	1,8%	1,3%	0,4%	0,0%	0,4%	0,0%	0,0%	1,3%	85%	0,0%	0,0%	100%
<b>SLOVAKIA</b>																										
Banskobystrický kraj	0	4	0	0	0	0	0	0	4	17	0	0	0	1	0	0	0	0	0	0	0	18	0	0	22	
Bratislavský kraj	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	
Kosický kraj	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	
Nitriansky kraj	0	0	0	0	0	0	0	0	0	10	0	0	0	0	1	0	0	0	0	0	0	11	0	0	11	
Presovský kraj	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
Trenciansky kraj	0	1	0	0	0	0	0	0	1	7	0	0	0	0	0	0	0	0	0	0	0	7	0	0	8	
Trnavský kraj	1	0	0	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	6	0	0	7	
<b>TOTAL</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>56</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>64</b>	
PER CENT	1,6%	7,8%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	9,4%	87,5%	0,0%	0,0%	0,0%	1,6%	1,6%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	91%	0,0%	0,0%	100%	

## 4.3 Rabies cases per country and administrative units, 4th quarter 2003 (continued)

01.10.03 -31.12.03

Location  Name	Domestic animals										Wildlife											bat	Human cases	total			
	dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer				other	subtotal	
<b>SERBIA A MONTENEGRO</b>																											
Montenegro	0	0	1	1	0	0	0	0	2	27	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	0	29
Central Serbia	2	3	0	0	0	0	0	0	5	28	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	33	
Vojvodina	2	4	0	0	0	0	0	0	6	12	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	18	
<b>TOTAL</b>	<b>4</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>0</b>	<b>0</b>	<b>80</b>	
PER CENT	5,0%	8,8%	1,3%	1,3%	0,0%	0,0%	0,0%	0,0%	16,3%	83,8%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	83,8%	0,0%	0,0%	100%	
<b>TURKEY</b>																											
Aydin	0	0	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Balikesir	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Erzurum	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Gaziantep	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Istanbul	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Izmir	0	0	3	0	9	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	
K. Maras	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Kilis	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Kocaeli	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Malatya	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Manisa	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Muğla	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
S. Urfa	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Sakarya	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Trabzon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	
Yalova	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
<b>TOTAL</b>	<b>13</b>	<b>0</b>	<b>12</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>38</b>	
PER CENT	34,2%	0,0%	31,6%	5,3%	26,3%	0,0%	0,0%	0,0%	97,4%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	2,6%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	3%	0,0%	0,0%	100%	
<b>LITHUANIA</b>																											
Alytus	0	0	5	0	0	0	0	0	5	12	12	0	0	0	1	0	0	0	0	0	0	0	25	0	0	30	
Kaunas	1	3	8	0	0	0	0	0	12	3	14	0	0	0	0	0	0	0	0	0	0	0	17	0	0	29	
Klaipeda	0	6	9	0	0	0	0	0	15	5	13	0	0	1	0	0	0	0	0	0	0	0	19	0	0	34	
Marijampole	2	0	8	0	0	0	0	0	10	6	2	0	0	0	1	0	0	0	1	0	0	0	10	0	0	20	
Panvežys	0	2	9	0	0	0	0	0	11	8	5	0	0	0	3	1	0	0	0	0	0	0	17	0	0	28	
Šiauliai	1	5	11	0	0	0	0	0	17	3	6	0	0	0	2	0	0	0	0	0	0	0	11	0	0	28	
Taurage	0	1	7	0	0	0	0	0	8	2	4	0	0	0	1	0	0	0	0	0	0	0	7	0	0	15	
Telšiai	0	2	9	1	0	0	0	0	12	2	4	0	0	0	1	0	0	0	0	0	0	0	7	0	0	19	
Utena	1	1	3	2	0	0	0	0	7	5	11	0	0	0	2	0	0	0	0	0	0	0	18	0	0	25	
Vilnius	2	1	4	4	0	0	0	0	11	12	8	0	0	0	2	0	0	0	0	0	0	0	22	0	0	33	
<b>TOTAL</b>	<b>7</b>	<b>21</b>	<b>73</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>108</b>	<b>58</b>	<b>79</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>153</b>	<b>0</b>	<b>0</b>	<b>261</b>	
PER CENT	2,7%	8,0%	28,0%	2,7%	0,0%	0,0%	0,0%	0,0%	41,4%	22,2%	30,3%	0,0%	0,0%	0,4%	5,0%	0,4%	0,0%	0,0%	0,4%	0,0%	0,0%	0,0%	59%	0,0%	0,0%	100%	

## 4.3 Rabies cases per country and administrative units, 4th quarter 2003 (continued)

01.10.03 -31.12.03

Location  Name	Domestic animals										Wildlife											bat	Human cases	total		
	dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer				other	subtotal
<b>ROMANIA</b>																										
Alba	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
Bihor	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Caras Severin	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Calarasi	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Cluj	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	3	0	3	
Constanta	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Covasna	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Dambovit				0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Dolj	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Hunedoara	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Mehedinti	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Neamt	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	
Prahova	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
Satu Mare	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	
<b>TOTAL</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>14</b>	<b>0</b>	<b>20</b>	
PER CENT	5,0%	10,0%	15,0%	0,0%	0,0%	0,0%	0,0%	0,0%	30,0%	65,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	5,0%	70%	0,0%	100%	
<b>POLAND</b>																										
Dolnoslaskie	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	0	3	
Kujawsko-Pomorskie	1	0	1	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	3	0	5	
Lubelskie	0	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	0	0	0	0	0	8	0	8		
lubuskie	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1		
Podkarpackie	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2		
Podlaskie	1	0	7	0	0	0	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	2	0	10		
Swietokrzyskie	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1		
Warminsko-Mazurskie	0	0	7	0	0	0	0	0	7	6	8	0	0	0	1	0	0	0	0	0	0	15	0	22		
Wielkopolskie	2	1	0	0	0	0	0	0	3	11	7	0	0	0	0	0	0	0	0	0	0	18	0	21		
<b>TOTAL</b>	<b>4</b>	<b>1</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>32</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>53</b>	<b>0</b>	<b>73</b>	
PER CENT	5,5%	1,4%	20,5%	0,0%	0,0%	0,0%	0,0%	0,0%	27,4%	43,8%	27,4%	0,0%	0,0%	0,0%	1,4%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	73%	0,0%	100%	
<b>FRANCE</b>																										
Midi Pyrenées	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	
PER CENT	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0%	100%	0,0%	100%	

## 4.3 Rabies cases per country and administrative units, 4th quarter 2003 (continued)

01.10.03 -31.12.03

Location  Name	Domestic animals										Wildlife											bat	Human cases	total			
	dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer				other	subtotal	
<b>UKRAINE</b>																											
Cherkasskaja o.	7	9	6	0	0	0	0	0	22	14	0	4	0	0	0	0	0	0	0	0	0	0	0	18	0	0	40
Chernigovskaja o.	4	4	3	0	0	0	0	0	11	6	0	0	0	0	1	0	0	0	0	0	0	0	1	8	0	0	19
Chernovitskaja o.	0	1	2	0	0	0	0	0	3	3	0	0	0	0	1	0	0	0	0	0	0	0	0	4	0	0	7
Dnepropetrovskaja o.	0	1	3	0	0	0	0	0	4	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	14
Donetskaja o.	3	1	0	0	0	0	0	0	4	17	1	0	0	0	0	0	0	0	0	0	0	0	0	18	0	0	22
Ivano-Frankovskaja	1	2	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Kharkovskaja o.	6	8	0	0	0	0	0	0	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	26
Khersonskaja o.	1	1	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	6
Khmelnitskaja o.	3	5	8	0	0	0	0	0	16	5	0	0	0	0	2	0	0	0	0	0	0	0	0	7	0	0	23
Kievskaja o.	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
Kirovogradskaja o.	4	12	2	0	0	0	0	0	18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	21
Krym	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3
Kiyev g.	4	1	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6
Luganskaja o.	12	4	8	0	1	0	0	0	25	30	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	55
L'vovskaja o.	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
Nikolayevskaja o.	0	2	0	0	0	0	0	0	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	4
Odesskaja o.	10	12	1	0	0	0	0	0	23	28	0	1	1	0	1	0	0	0	0	0	0	1	0	32	0	0	55
Poltavskaja o.	7	11	25	0	1	1	0	0	45	16	0	2	0	0	0	0	0	0	0	0	0	1	0	19	0	0	64
Rovenskaja o.	0	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3
Sumskaja o.	3	6	3	0	0	0	0	0	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	17
Zakarpatskaja o.	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
Vinnitskaja o.	0	5	1	0	0	0	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	7
Volynskaja o.	1	1	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4
Zaporozhskaja o.	2	1	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Zhitomirskaja o.	0	1	4	0	0	0	0	0	5	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	16
<b>TOTAL</b>	<b>70</b>	<b>89</b>	<b>67</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>229</b>	<b>181</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>199</b>	<b>0</b>	<b>0</b>	<b>428</b>	
<b>PER CENT</b>	<b>16,4%</b>	<b>20,8%</b>	<b>15,7%</b>	<b>0,0%</b>	<b>0,5%</b>	<b>0,2%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>53,5%</b>	<b>42,3%</b>	<b>0,2%</b>	<b>1,6%</b>	<b>0,2%</b>	<b>0,0%</b>	<b>1,2%</b>	<b>0,2%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,7%</b>	<b>46%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>100%</b>	



## 4.3 Rabies cases per country and administrative units, 4th quarter 2003 (continued)

01.10.03 -31.12.03

Location  Name	Domestic animals										Wildlife											bat	Human cases	total		
	dog	cat	cattle	equine	goat sheep	pig	stray dog	other	subtotal	fox	raccoon dog	raccoon	wolf	badger	marten	other mustelides	other carnivores	wild boar	roe deer	red deer	fallow deer				other	subtotal
<b>R U S S I A</b>																										
Astrahanskaja obl.	5	6	1	0	1	0	0	0	13	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	14
Belgorodskaja obl.	2	5	9	0	0	0	0	0	16	5	0	0	1	0	0	1	0	0	0	0	0	0	7	0	0	23
Brijanskaja obl.	1	2	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5
Chuvasskaja resp.	0	1	2	0	1	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5
Dagestan resp.	1	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Ivanovskaja obl.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Jaroslavskaja obl.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Kabard.-Balkarskaja resp.	1	0	0	1	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4
Kaliningradskaja obl.	0	1	3	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5
Kalmykija resp.	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Kaluzskaja obl.	0	1	1	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Krasnodarskij kr.	0	1	3	0	1	0	0	0	5	2	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	8
Kurskaja obl.	5	7	5	0	0	0	0	0	17	7	0	0	2	0	0	0	0	0	0	0	0	0	9	0	0	26
Lipeckaja obl.	0	0	2	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4
Mordovija resp.	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
Moskovskaja obl.	0	1	0	0	0	0	0	0	1	5	6	0	0	0	0	0	0	0	0	0	0	0	11	0	0	12
Nizegorodskaja obl.	4	2	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	12
Orlovskaja obl.	2	6	6	0	0	1	0	0	15	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	16
Penzenskaja obl.	11	5	9	0	0	0	0	0	25	16	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	41
Pskovskaja obl.	1	1	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4
Rjazanskaja obl.	0	1	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Rostovskaja obl.	7	2	5	0	1	0	0	0	15	8	0	0	1	0	0	0	0	0	0	0	0	0	9	0	0	24
Saratovskaja obl.	7	9	2	0	1	0	0	0	19	9	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	28
Sever. Osetija-Alani. resp.	6	3	14	0	0	2	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Smolenskaja obl.	1	1	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	5
Stavropol'skij kr.	10	9	7	0	0	0	0	0	26	11	0	0	0	0	0	0	1	0	0	0	0	0	12	0	0	38
Tambovskaja obl.	2	1	2	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6
Tul'skaja obl.	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4
Tverskaja obl.	2	0	2	0	0	0	0	0	4	4	1	0	0	0	0	0	0	1	0	0	0	0	6	0	1	11
Uljanovskaja obl.	1	1	2	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6
Vladimirska obl.	1	2	1	0	0	0	0	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6
Volgogradskaja obl.	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Voronezskaja obl.	5	7	17	2	1	0	1	0	33	5	0	0	1	0	0	0	0	0	0	0	0	0	6	0	0	39
<b>TOTAL</b>	<b>77</b>	<b>75</b>	<b>98</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>266</b>	<b>101</b>	<b>11</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>121</b>	<b>0</b>	<b>2</b>	<b>389</b>
<b>PER CENT</b>	<b>19,8%</b>	<b>19,3%</b>	<b>25,2%</b>	<b>0,8%</b>	<b>2,1%</b>	<b>1,0%</b>	<b>0,3%</b>	<b>0,0%</b>	<b>68,4%</b>	<b>26,0%</b>	<b>2,8%</b>	<b>0,0%</b>	<b>1,5%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,3%</b>	<b>0,3%</b>	<b>0,3%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>31%</b>	<b>0,0%</b>	<b>0,5%</b>	<b>100%</b>

#### 4.4 Summary of animals tested for rabies in Europe (total 2003)

ANIMAL TESTED						01.01.03 -31.12.03
Name	Code	Total	Bats	Wildlife	Domestic animals	Remarks
ALBANIA	ALB	166	74	90	2	
AUSTRIA	AUT	20391	1	20169	221	
BELARUS	BLR	1967	0	938	1029	
BELGIUM	BEL	615	1	287	327	
BOSNIA A HERCEGOVINA	BIH	24	0	21	3	1st / 2nd Quarter
BULGARIA	BGR	25	0	14	11	
CROATIA	HRV	4738	0	3950	788	
CYPRUS	CYP	0				
CZECH REPUBLIC	CZH	7362	6	6548	808	
DENMARK	DNK	50	20	22	8	
ESTONIA	EST	1448	0	988	460	
FINLAND	FIN	475	1	453	21	
FRANCE	FRA	1755	151	463	1141	
GERMANY	DEU	26503	60	25541	902	
GREECE	GRC	0				no data
HUNGARY	HUN	3307	3	2171	1133	
ICELAND	ISL	0				no data
IRELAND	IRE	0				no data
ITALY	ITA	3923	10	3650	263	
LATVIA	LVA	1004	0	516	488	
LITHUANIA	LTU	21	0	7	14	3rd Quarter
LUXEMBOURG	LUX	24	0	13	11	
MACEDONIA	MKD	0				no data
MOLDOVA	MDA	65	0	21	44	
NETHERLANDS	NED	131	118	3	10	
NORWAY	NOR	0				no data
POLAND	POL	0				no data
PORTUGAL	PRT	0				no data
ROMANIA	ROU	0				no data
RUSSIAN FEDERATION	RUS	4306	0	1033	3273	
SERBIA A MONTENEGRO	SCG	81	0	16	65	1st / 2nd / 3rd Quarter
SLOVAK REPUBLIC	SVK	1886	5	1820	61	
SLOVENIA	SVN	685	0	590	95	
SPAIN	ESP	0				no data
SWEDEN	SWE	0				no data
SWITZERLAND + LIEC.	CHE	188	24	130	34	
TURKEY	TUR	85	0	69	16	
UNITED KINGDOM	UNK	0				no data
UKRAINE	UKR	7097	11	4117	2969	
<b>TOTAL</b>		<b>88322</b>	<b>485</b>	<b>73640</b>	<b>14197</b>	

## 4.5 Trend tables

### 4.5.1 Comparison of the reporting quarter (IV/2003) with the previous quarter (III/2003)

NAME	Total			Wildlife			Domestic animals			Bats			Human		
	IV 2003 (no.)	III 2003 (no.)	Difference	IV 2003 (no.)	III 2003 (no.)	Difference	IV 2003 (no.)	III 2003 (no.)	Difference	IV 2003 (no.)	III 2003 (no.)	Difference	IV 2003 (no.)	III 2003 (no.)	Difference
ALBANIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AUSTRIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELARUS	158	214	-56	98	140	-42	60	74	-14	0	0	0	0	0	0
BELGIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOSNIA - HERCEGOVINA	21	12	9	14	9	5	7	3	4	0	0	0	0	0	0
BULGARIA	9	7	2	8	6	2	1	1	0	0	0	0	0	0	0
CROATIA	177	97	80	163	85	78	14	12	2	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CZECH REPUBLIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DENMARK	0	3	-3	0	0	0	0	0	0	0	3	-3	0	0	0
ESTONIA	184	202	-18	143	165	-22	41	37	4	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANCE	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
GERMANY	8	15	-7	7	7	0	0	0	0	1	8	-7	0	0	0
GREECE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNGARY	58	20	38	46	15	31	12	5	7	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ITALY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATVIA	225	251	-26	191	219	-28	34	31	3	0	0	0	0	1	-1
LITHUANIA	261	298	-37	153	211	-58	108	87	21	0	0	0	0	0	0
LUXEMBOURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MACEDONIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLDOVA	9	9	0	3	2	1	6	7	-1	0	0	0	0	0	0
NETHERLANDS	0	3	-3	0	0	0	0	0	0	0	3	-3	0	0	0
NORWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLAND	73	78	-5	53	52	1	20	22	-2	0	4	-4	0	0	0
PORTUGAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANIA	20	28	-8	14	16	-2	6	12	-6	0	0	0	0	0	0
RUSSIAN FEDERATION	389	522	-133	121	192	-71	266	328	-62	0	1	-1	2	1	1
SERBIA AND MONTENEGRO	80	37	43	67	27	40	13	10	3	0	0	0	0	0	0
SLOVAK REPUBLIC	64	61	3	58	54	4	6	7	-1	0	0	0	0	0	0
SLOVENIA	5	1	4	5	1	4	0	0	0	0	0	0	0	0	0
SPAIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWEDEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWITZERLAND/LIECHTEN.	0	1	-1	0	0	0	0	1	-1	0	0	0	0	0	0
TURKEY	38	28	10	1	2	-1	37	26	11	0	0	0	0	0	0
UKRAINE	428	482	-54	199	181	18	229	301	-72	0	0	0	0	0	0
UNITED KINGDOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>2208</b>	<b>2369</b>	<b>-161</b>	<b>1344</b>	<b>1384</b>	<b>-40</b>	<b>860</b>	<b>964</b>	<b>-104</b>	<b>2</b>	<b>19</b>	<b>-17</b>	<b>2</b>	<b>2</b>	<b>0</b>

Wildlife: excluding bats

IV /2003 (no.), III /2003 (no.): number of cases

Difference: no. of cases in IV /2003 minus cases in III /2003

#### 4.5.2 Comparison of the reporting quarter (IV / 2003) with the same quarter of the previous year (IV / 2002)

NAME	Total			Wildlife			Domestic animals			Bats			Human		
	IV 2003 (no.)	IV 2002 (no.)	Difference	IV 2003 (no.)	IV 2002 (no.)	Difference	IV 2003 (no.)	IV 2002 (no.)	Difference	IV 2003 (no.)	IV 2002 (no.)	Difference	IV 2003 (no.)	IV 2002 (no.)	Difference
ALBANIA	0	1	-1	0	1	-1	0	0	0	0	0	0	0	0	0
AUSTRIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELARUS	158	297	-139	98	226	-128	60	71	-11	0	0	0	0	0	0
BELGIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOSNIA - HERCEGOVINA	21	14	7	14	12	2	7	2	5	0	0	0	0	0	0
BULGARIA	9	3	6	8	3	5	1	0	1	0	0	0	0	0	0
CROATIA	177	194	-17	163	185	-22	14	9	5	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CZECH REPUBLIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DENMARK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESTONIA	184	169	15	143	146	-3	41	23	18	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANCE	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
GERMANY	8	17	-9	7	16	-9	0	0	0	1	1	0	0	0	0
GREECE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNGARY	58	55	3	46	46	0	12	9	3	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ITALY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LATVIA	225	177	48	191	141	50	34	36	-2	0	0	0	0	0	0
LITHUANIA	261	346	-85	153	224	-71	108	122	-14	0	0	0	0	0	0
LUXEMBOURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MACEDONIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MOLDOVA	9	11	-2	3	3	0	6	8	-2	0	0	0	0	0	0
NETHERLANDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLAND	73	271	-198	53	227	-174	20	43	-23	0	1	-1	0	0	0
PORTUGAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANIA	20	21	-1	14	15	-1	6	6	0	0	0	0	0	0	0
RUSSIAN FEDERATION	389	1088	-699	121	502	-381	266	583	-317	0	0	0	2	3	-1
SERBIA AND MONTENEGRO	80	86	-6	67	73	-6	13	13	0	0	0	0	0	0	0
SLOVAK REPUBLIC	64	43	21	58	38	20	6	5	1	0	0	0	0	0	0
SLOVENIA	5	9	-4	5	9	-4	0	0	0	0	0	0	0	0	0
SPAIN	0	3	-3	0	0	0	0	3	-3	0	0	0	0	0	0
SWEDEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWITZERLAND/LIECHTEN.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TURKEY	38	35	3	1	4	-3	37	31	6	0	0	0	0	0	0
UKRAINE	428	661	-233	199	322	-123	229	338	-109	0	0	0	0	1	-1
UNITED KINGDOM	0	1	-1	0	0	0	0	0	0	0	0	0	0	1	-1
<b>TOTAL</b>	<b>2208</b>	<b>3502</b>	<b>-1294</b>	<b>1344</b>	<b>2193</b>	<b>-849</b>	<b>860</b>	<b>1302</b>	<b>-442</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>-3</b>

Wildlife: excluding bats

IV / 2003 (no.), III / 2003 (no.): number of cases

Difference: no. of cases in IV / 2003 minus cases in III / 2003

#### 4.5.3 Comparison of the reporting year (2003) with the previous year (2002)

NAME	Total				Wildlife				Domestic animals				EBLV			Human		
	No. 2003	No. 2002	Difference	in %	No. 2003	No. 2002	Difference	in %	No. 2003	No. 2002	Difference	in %	No. 2003	No. 2002	Difference	No. 2003	No. 2002	Difference
ALBANIA	2	1	1	200,0	2	1	1	200,0	0	0	0		0	0	0	0	0	0
AUSTRIA	1	24	-23	4,2	0	22	-22	0,0	1	2	-1	50,0	0	0	0	0	0	0
BELARUS	1077	809	268	133,1	761	580	181	131,2	316	229	87	138,0	0	0	0	0	0	0
BELGIUM	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
BOSNIA A HERCEGOV	80	52	28	153,8	63	42	21	150,0	17	10	7	170,0	0	0	0	0	0	0
BULGARIA	19	16	3	118,8	15	16	-1	93,8	4	0	4		0	0	0	0	0	0
CROATIA	633	501	132	126,3	590	475	115	124,2	43	26	17	165,4	0	0	0	0	0	0
CYPRUS	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
CZECH REPUBLIC	0	3	-3	0,0	0	3	-3	0,0	0	0	0		0	0	0	0	0	0
DENMARK	3	3	0	100,0	0	0	0		0	1	-1	0,0	3	2	1	0	0	0
ESTONIA	814	422	392	192,9	697	355	342	196,3	117	67	50	174,6	0	0	0	0	0	0
FINLAND	1	0	1		0	0	0		1	0	1		0	0	0	0	0	0
FRANCE	2	3	-1	66,7	0	0	0		0	1	-1	0,0	2	2	0	0	0	0
GERMANY	37	43	-6	86,0	24	33	-9	72,7	0	2	-2	0,0	13	8	5	0	0	0
GREECE	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
HUNGARY	172	160	12	107,5	129	129	0	100,0	43	31	12	138,7	0	0	0	0	0	0
ICELAND	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
IRELAND	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
ITALY	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
LATVIA	964	500	464	192,8	828	411	417	201,5	135	89	46	151,7	0	0	0	1	0	1
LITHUANIA	1108	932	176	118,9	796	681	115	116,9	312	251	61	124,3	0	0	0	0	0	0
LUXEMBOURG	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
MACEDONIA	0	no data			0	no data			0	no data			0	no data		0	no data	
MOLDOVA	33	33	0	100,0	13	17	-4	76,5	20	16	4	125,0	0	0	0	0	0	0
NETHERLANDS	7	3	4	233,3	0	0	0		0	0	0		7	3	4	0	0	0
NORWAY	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
POLAND	388	1188	-800	32,7	310	1032	-722	30,0	72	152	-80	47,4	6	5	1	0	0	0
PORTUGAL	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
ROMANIA	95	115	-20	82,6	67	70	-3	95,7	28	45	-17	62,2	0	0	0	0	0	0
RUSSIAN FEDERATION	2866	3089	-223	92,8	1360	1207	153	112,7	1502	1876	-374	80,1	1	1	0	3	5	-2
SERBIA A MONTENEGRO	261	217	44	120,3	207	181	26	114,4	54	36	18	150,0	0	0	0	0	0	0
SLOVAK REPUBLIC	326	113	213	288,5	284	94	190	302,1	42	19	23	221,1	0	0	0	0	0	0
SLOVENIA	8	15	-7	53,3	8	15	-7	53,3	0	0	0		0	0	0	0	0	0
SPAIN	0	8	-8	0,0	0	0	0		0	7	-7	0,0	0	1	-1	0	0	0
SWEDEN	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
SWITZERLAND/LIECHTEN.	1	1	0	100,0	0	0	0		1	0	1		0	1	-1	0	0	0
TURKEY	156	249	-93	62,7	17	32	-15	53,1	139	217	-78	64,1	0	0	0	0	0	0
UNITED KINGDOM	0	2	-2	0,0	0	0	0		0	0	0		0	1	-1	0	1	-1
UKRAINE	2031	1549	482	131,1	924	658	266	140,4	1104	889	215	124,2	1	1	0	2	1	1
TOTAL	11085	10051	1034	110,3	7095	6054	1041	117,2	3951	3966	-15	99,6	33	25	8	6	7	-1

Wildlife: excluding bats

No. 2003/ 2002: number of cases in 2003/2002

Difference: no. of cases in 2003 minus cases in 2002

in %: no. of cases in 2003 compared to 2002 in percent

#### 4.5.4 Comparison of the reporting year (2003) with the previous 10-years average (1993-2002)

NAME	Total				Wildlife				Domestic animals				EBLV			Human			Remarks
	No. 2003	10 yrs av.	Difference	in %	No. 2003	10 yrs av.	Difference	in %	No. 2003	10 yrs av.	Difference	in %	No. 2003	10 yrs av.	Difference	No. 2003	10 yrs av.	Difference	
ALBANIA	2	0,0	2,0		2	0,0	2,0		0	0,0	0,0		0	0,0	0,0	0	0,0	0,0	
AUSTRIA	1	108,1	-107,1	0,9	0	99,2	-99,2		1	8,9	-7,9	11,2	0	0,0	0,0	0	0,0	0,0	
BELARUS	1077	224,0	853,0	480,8	761	147,5	613,5	515,9	316	76,4	239,6	413,6	0	0,0	0,0	0	0,1	0,0	
BELGIUM	0	33,1	-33,1		0	21,9	-21,9		0	11,2	-11,2		0	0,0	0,0	0	0,0	0,0	
BOSNIA A HERCEGOV	80	41,5	38,5	192,8	63	34,0	29,0	185,3	17	7,5	9,5	226,7	0	0,0	0,0	0	0,0	0,0	
BULGARIA	19	20,9	-1,9	90,9	15	19,7	-4,7	76,1	4	1,1	2,9	363,6	0	0,0	0,0	0	0,1	0,0	
CROATIA	633	557,0	76,0	113,6	590	515,1	74,9	114,5	43	41,9	1,1	102,6	0	0,0	0,0	0	0,0	0,0	
CYPRUS	0	0,0	0,0		0	0,0	0,0		0	0,0	0,0		0	0,0	0,0	0	0,0	0,0	
CZECH REPUBLIC	0	179,8	-179,8		0	171,9	-171,9		0	7,6	-7,6		0	0,3	0,0	0	0,0	0,0	
DENMARK	3	4,6	-1,6	65,2	0	0,0	0,0		0	0,4	-0,4		3	4,2	1,0	0	0,0	0,0	
ESTONIA	814	159,9	654,1	509,1	697	121,2	575,8	575,1	117	38,7	78,3	302,3	0	0,0	0,0	0	0,0	0,0	
FINLAND	1	0,0	1,0		0	0,0	0,0		1	0,0	1,0		0	0,0	0,0	0	0,0	0,0	
FRANCE	2	43,7	-41,7	4,6	0	33,8	-33,8		0	8,4	-8,4		2	1,4	0,0	0	0,1	0,0	
GERMANY	37	378,1	-341,1	9,8	24	310,1	-286,1	7,7	0	61,0	-61,0		13	6,9	5,0	0	0,1	0,0	
GREECE	0	0,0	0,0		0	0,0	0,0		0	0,0	0,0		0	0,0	0,0	0	0,0	0,0	
HUNGARY	172	707,0	-535,0	24,3	129	557,9	-428,9	23,1	43	148,8	-105,8	28,9	0	0,1	0,0	0	0,2	0,0	
ICELAND	0	0,0	0,0		0	0,0	0,0		0	0,0	0,0		0	0,0	0,0	0	0,0	0,0	
IRELAND	0	0,0	0,0		0	0,0	0,0		0	0,0	0,0		0	0,0	0,0	0	0,0	0,0	
ITALY	0	13,0	-13,0		0	12,6	-12,6		0	0,3	-0,3		0	0,0	0,0	0	0,1	0,0	
LATVIA	964	289,3	674,7	333,2	828	221,0	607,0	374,7	135	68,2	66,8	197,9	0	0,0	0,0	1	0,1	1,0	
LITHUANIA	1108	357,4	750,6	310,0	796	233,9	562,1	340,3	312	123,2	188,8	253,2	0	0,0	0,0	0	0,3	0,0	
LUXEMBOURG	0	3,7	-3,7		0	2,4	-2,4		0	1,3	-1,3		0	0,0	0,0	0	0,0	0,0	
MACEDONIA	0	0,0	0,0		0	0,0	0,0		0	no data			0	0,0		0	0,0	since 2003	
MOLDOVA	33	23,4	9,6	141,2	13	11,6	1,4	111,8	20	11,8	8,3	170,2	0	0,0	0,0	0	0,0	0,0	
NETHERLANDS	7	6,1	0,9	114,8	0	0,1	-0,1		0	0,0	0,0		7	6,0	4,0	0	0,0	0,0	
NORWAY	0	0,0	0,0		0	0,0	0,0		0	0,0	0,0		0	0,0	0,0	0	0,0	0,0 (on Svalbard)	
POLAND	388	1970,1	-1582,1	19,7	310	1626,0	-1316,0	19,1	72	340,5	-268,5	21,1	6	3,6	1,0	0	0,0	0,0	
PORTUGAL	0	0,0	0,0		0	0,0	0,0		0	0,0	0,0		0	0,0	0,0	0	0,0	0,0	
ROMANIA	95	90,9	4,1	104,5	67	54,7	12,3	122,5	28	36,1	-8,1	77,6	0	0,0	0,0	0	0,1	0,0	
RUSSIAN FEDERATION	2866	1599,1	1266,9	179,2	1360	518,6	841,4	262,2	1502	1073,9	428,1	139,9	1	0,1	0,0	3	6,5	-2,0	
SERBIA A MONTENEGRO	261	122,6	138,4	212,9	207	91,8	115,2	225,5	54	30,8	23,2	175,3	0	0,0	0,0	0	0,0	0,0	
SLOVAK REPUBLIC	326	339,0	-13,0	96,2	284	275,7	8,3	103,0	42	63,2	-21,2	66,5	0	0,1	0,0	0	0,0	0,0	
SLOVENIA	8	298,9	-290,9	2,7	8	284,5	-276,5	2,8	0	14,4	-14,4		0	0,0	0,0	0	0,0	0,0	
SPAIN	0	5,9	-5,9		0	0,0	0,0		0	4,8	-4,8		0	1,1	-1,0	0	0,0	0,0	
SWEDEN	0	0,0	0,0		0	0,0	0,0		0	0,0	0,0		0	0,0	0,0	0	0,0	0,0	
SWITZERLAND/LIECHTEN.	1	43,1	-42,1	2,3	0	37,9	-37,9		1	5,0	-4,0	20,0	0	0,2	-1,0	0	0,0	0,0	
TURKEY	156	196,4	-40,4	79,4	17	7,1	9,9	239,4	139	189,3	-50,3	73,4	0	0,0	0,0	0	0,0	0,0	
UNITED KINGDOM	0	0,6	-0,6		0	0,0	0,0		0	0,0	0,0		0	0,2	-1,0	0	0,4	-1,0	
UKRAINE	2031	1580,0	451,0	128,5	924	647,0	277,0	142,8	1104	931,0	173,0	118,6	1	1,5	0,0	2	0,5	1,0	
TOTAL	11085	9397,2	1687,8	118,0	7095	6057,2	1037,8	117,1	3951	3305,7	645,3	119,5	33	25,7	7,3	6	8,6	-2,6	

No. 2003: number of cases in 2003

Difference: no. of cases in 2003 minus cases in the last 10 years

in %: no. of cases in 2003 compared to 10 yrs av. in percent

10 yrs av.: average no. of cases in the last 10 years

note:

the numbers do not always correspond to the numbers presented in the RBE because of changes of administrative divisions since 1993

countries with no rabies cases between 1993 and 2003 are not included

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