

# RABIES BULLETIN EUROPE

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Volume 29

No 2

Quarter 2

2005

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## CONTENTS

1	Editorial	3
2	Summary of rabies cases in Europe	4
	Correction (Issue I/2005)	5
3	Miscellaneous Articles	6
3.1	Is there evidence supporting an independent transmission cycle amongst foxes ( <i>Vulpes vulpes</i> ) in western Turkey?	6
3.2	MED-VET-NET. A European network of Excellence	10
4	Distribution of rabies in Europe	12
4.1	Country summaries of rabies cases, 2nd quarter 2005	12
4.2	Rabies cases per country and administrative units, 2nd quarter 2005	13
4.3	Trend tables	20
4.3.1	Comparison of the reporting quarter (II/2005) with the previous quarter (I/2005)	20
4.3.2	Comparison of the reporting quarter (II/2005) with the same quarter of the previous year (II/2004)	21
5	List of contributors	22
	Map of rabies cases in Europe, 1st quarter 2005	

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www.druckerei-hk.de

ISSN 0257-8506

The Rabies Bulletin Europe is also available online: [www.who-rabies-bulletin.org](http://www.who-rabies-bulletin.org)

### **Acknowledgements**

The Rabies Bulletin Europe is sponsored by the:

World Health Organization, Geneva  
World Organisation for Animal Health (OIE), Paris

Gratefully acknowledged is the financial support of the WHO Collaborating Centre by the

Bundesministerium für Gesundheit und Soziale Sicherung and by the  
Bundesministerium für Verbraucherschutz, Ernährung und Landwirtschaft,  
Germany

# 1. Editorial

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Currently, Europe is facing very hectic and unsettling days. We are daily confronted with media reports about avian influenza, another important zoonosis worldwide. The avian influenza virus H5N1 has recently spread to Turkey and Romania, and national veterinary and public health services throughout Europe are busy implementing measures against the disease. Hopefully, concerted actions of veterinary and public health authorities can prevented more serious consequences.

Rabies is therefore not always top priority on the national agenda. However, as always we try to keep you interested in rabies surveillance, research and control.

Turkey is the only country in Europe in which dog mediated rabies is present. In this issue we present you an interesting article about recent developments of rabies in this country. As rabies in foxes recently emerged in some provinces in western Turkey speculation arose whether these cases represent an independent cycle of rabies in foxes or whether this could be explained by repeated spill-over from the dog reservoir. The paper attempts to address pro and contra of an independent infectious cycle in this species.

In 2004, a network of excellence called MED-VET-NET officially commenced which works for the prevention and control of zoonoses and food borne diseases and is funded by the EU for five years. Another article in this issue describes the objectives, cornerstones and activities of a small project within this EU funded network aiming at the molecular epidemiology of European bat lyssavirus.

At the first international Conference "Rabies in Europe" held in Kiev in June 2005, the needs for intensified surveillance on bat rabies was stressed. We would like to take the opportunity to request articles on the organisation of bat rabies surveillance in European countries that may help others to establish similar systems.

Carsten J. Pötzsch  
Thomas Müller

## 2. SUMMARY OF RABIES CASES IN EUROPE

RABIES CASES

2nd QUARTER 2005

01.04.05 -30.06.05

Name	Code	Total	Wildlife	Domestic animals	Bats	Human
ALBANIA	ALB	0	0	0	0	0
AUSTRIA	AUT	0	0	0	0	0
BELARUS	BLR	115	86	29	0	0
BELGIUM	BEL	0	0	0	0	0
BOSNIA - HERCEGOVINA	BIH	4	2	2	0	0
BULGARIA	BGR	6	4	2	0	0
CROATIA	HRV	60	57	3	0	0
CYPRUS	CYP	0	0	0	0	0
CZECH REPUBLIC	CZH	0	0	0	0	0
DENMARK	DNK	0	0	0	0	0
ESTONIA	EST	43	39	4	0	0
FINLAND	FIN	0	0	0	0	0
FRANCE	FRA	3	0	0	3	0
GERMANY	DEU	11	9	0	2	0
GREECE	GRC	0	0	0	0	0
HUNGARY	HUN	2	0	2	0	0
ICELAND	ISL	0	0	0	0	0
IRELAND	IRE	0	0	0	0	0
ITALY	ITA	0	0	0	0	0
LATVIA	LVA	82	66	16	0	0
LITHUANIA	LTU	317	262	55	0	0
LUXEMBOURG	LUX	0	0	0	0	0
MACEDONIA*	MKD					
MOLDOVA *	MDA					
NETHERLANDS	NED	0	0	0	0	0
NORWAY	NOR	0	0	0	0	0
POLAND	POL	33	25	6	2	0
PORTUGAL	PRT	0	0	0	0	0
ROMANIA	ROU	123	74	49	0	0
RUSSIAN FEDERATION	RUS	942	430	508	0	4
SERBIA AND MONTENEGRO	SCG	18	16	2	0	0
SLOVAK REPUBLIC	SVK	12	9	3	0	0
SLOVENIA	SVN	1	1	0	0	0
SPAIN	ESP	1	0	1	0	0
SWEDEN	SWE	0	0	0	0	0
SWITZERLAND + LIEC.	CHE	0	0	0	0	0
TURKEY	TUR	42	1	41	0	0
UNITED KINGDOM	UNK	0	0	0	0	0
UKRAINE	UKR	344	141	203	0	0
<b>TOTAL</b>		<b>2159</b>	<b>1222</b>	<b>926</b>	<b>7</b>	<b>4</b>

**Moldova**  
**Macedonia \*** no data

**Wildlife:** excluding bats

## **Correction (Issue I/2005)**

### **4.3 Trend tables**

#### **4.3.1 Comparison of the reporting quarter (I/2005) with the previous quarter (IV/2004)**

NAME	Total			Wildlife			Domestic animals			Bats			Human		
	I 2005 (no.)	IV 2004 (no.)	Difference	I 2005 (no.)	IV 2004 (no.)	Difference	I 2005 (no.)	IV 2004 (no.)	Difference	I 2005 (no.)	IV 2004 (no.)	Difference	I 2005 (no.)	IV 2004 (no.)	Difference
UKRAINE	490	411	79	256	202	54	234	209	25	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>490</b>	<b>411</b>	<b>79</b>	<b>256</b>	<b>202</b>	<b>54</b>	<b>234</b>	<b>209</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Wildlife: excluding bats

I /2005 (no.), IV /2004 (no.): number of cases

Difference: no. of cases in I /2005 minus cases in IV /2004

#### **4.3.2 Comparison of the reporting quarter (I/2005) with the same quarter of the previous year (I/2004)**

NAME	Total			Wildlife			Domestic animals			Bats			Human		
	I 2005 (no.)	I 2004 (no.)	Difference	I 2005 (no.)	I 2004 (no.)	Difference	I 2005 (no.)	I 2004 (no.)	Difference	I 2005 (no.)	I 2004 (no.)	Difference	I 2005 (no.)	I 2004 (no.)	Difference
UKRAINE	490	214	276	256	104	152	234	110	124	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>490</b>	<b>214</b>	<b>276</b>	<b>256</b>	<b>104</b>	<b>152</b>	<b>234</b>	<b>110</b>	<b>124</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Wildlife: excluding bats

I /2005 (no.), I /2004 (no.): number of cases

Difference: no. of cases in I /2005 minus cases in I /2004

## 3. Miscellaneous Articles

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### 3.1 IS THERE EVIDENCE SUPPORTING AN INDEPENDENT TRANSMISSION CYCLE AMONGST FOXES (*VULPES VULPES*) IN WESTERN TURKEY?

by Nicholas Johnson<sup>1,\*</sup>, Ad Vos<sup>2</sup> and Anthony R. Fooks<sup>1</sup>

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In 2003, we reported the emergence of rabies in the fox population in the Aegean region of Turkey (1) where previously there had been no record of cases in this vector. Since then we have documented the southerly spread of the disease from a focus of infection in the city of Izmir. Reviewers of this work have repeatedly questioned whether an independent cycle of rabies in foxes has been established or whether this could be explained by repeated examples of spill-over from existing reservoirs of rabies in the dog population. Until recently, rabies was found throughout Turkey and was mainly associated with dogs (Table 1) with cases being reported to eight Veterinary Research and Control Centres located throughout the country. The Aegean region of Turkey was no exception with a small number of cases being reported annually principally from urban centres (see chart in figure 1). This paper discusses the evidence for and against an independent cycle of rabies in the fox in western Turkey.

Rabies in the red fox (*Vulpes vulpes*), or the study of rabies in the red fox, is a relatively recent phenomenon. The most comprehensively studied epizootic of rabies in foxes is that which affected Western Europe following the Second World War. From an initial focus of infection during the early 1940s in northern Poland, rabies was disseminated by the fox throughout the country by the end of the 1950s (2). By the mid 1970s the fox had spread the

disease throughout Europe as far as central France to the west, Italy to the south and Denmark in the north (3). The disease also moved eastwards and now the fox is the most commonly reported vector for rabies throughout the former Soviet Union (4). The most extensive phylogenetic study on this epizootic indicates that the source was likely to have been a spill-over from canine rabies (5) and was followed by a second spill-over, probably from foxes, to the raccoon-dog (*Nyctereutes procyonoides*) at about the same time.

The spread of rabies by the fox was characterised in Europe by a number of consistent features (6, 7, 8). These can be summarised as follows:

- The appearance of infected foxes.
- A disease front spreading between 20-60 km/year.
- Cattle, being a spillover host unable to support rabies independently, act as a sentinel species for the presence of rabies in a reservoir host species.
- There is a late winter peak of cases.
- A 3-5 year periodicity of infection following the initial introduction of rabies into an area.

How does the rabies situation in western Turkey compare with these key indicators of fox rabies? Firstly, there have now been reports of rabid foxes in four provinces in western Turkey. From an initial case reported in Izmir province

in 1999, cases were reported in Manisa province to the east in 2000, Aydin province by 2001 and Mugla province by 2002. Figure 1 plots the geographical spread of rabies through the Aegean region by indicating when the first reported case in each town occurred. This suggests that the disease is moving at approximately 35 km/year, well within the range expected for the spread of rabies by the fox. By comparing this hypothetical transmission front to the topography of western Turkey, the disease appears to be spreading up river valleys eastwards and south along the coastal plain. Preliminary phylogenetic studies indicate that a fox isolate from Aydin province is closely related to a group of fox samples from both Izmir and Manisa province. This provides supporting evidence of spread rather than sporadic re-introduction from some other source (foci of infection to the north, Istanbul, or the east, Erzurum). Another feature of the rabies situation in western Turkey is the high proportion of rabid cattle reported. In Aydin province in 2002, cattle accounted for 76.5% of cases (cattle [91], fox [13], dog [8], other [7]). In contrast, only 26.1% (18/69) of all reported cases during a previous outbreak in Aydin (1985/86) involved cattle and no wildlife rabies was reported then. It is too early in this particular epizootic to make firm conclusions concerning annual peaks of infection or possible disease cycles. However, in Aydin and Mugla province, the peak of infection has consistently fallen in either the first or second quarter since 2002 suggesting a late winter peak of infection. Also, cases in Izmir, Manisa and Aydin have rapidly subsided from peaks of infection in 1999, 2001 and 2002, respectively, indicating that a wave of fox rabies may have spread through this region. Surveillance should continue to monitor the levels of rabies within both dog and fox vectors over the next five years.

The principal argument against an independent fox cycle is that dog rabies is firmly established in Turkey and was almost certainly responsible for the occurrence of the disease in Izmir. Furthermore, wherever fox cases are reported, there are also cases in dogs. This was not observed in the fox

epizootic in western Europe since rabies in dogs had been eliminated prior to the spread of fox rabies. The exception in western Turkey is Mugla province. In 2002, no canine rabies cases were reported here although 3 cases in foxes and 15 in cattle were recorded. However, it must be mentioned that in Turkey a large segment of the dog population is not vaccinated and free-roaming, increasing risks of infection by foxes. Further arguments against fox mediated rabies include the role of man in spreading the disease through the movement of pet dogs, and the degree to which surveillance data is representative of the actual endemic cycles taking place.

In conclusion, the epidemiological data gathered in western Turkey supports the possibility that rabies is endemic within the fox population and thus represents an additional public health issue in Turkey. Rabies cases are now being reported where previously there were none and although improved surveillance may account for this, the possibility remains that rabies could have established a reservoir of infection within the fox population. Further phylogeny studies targeting viruses from both the fox and dog populations from affected areas may shed light on a possible divergence of rabies variants caused by transmission in different vectors. Further information on fox densities in both urban and rural areas should assist in assessing the ability of the fox population to act as a reservoir for rabies. However, this should not be used as a reason to ignore or delay actions against fox rabies as the species is highly susceptible to infection and could frustrate attempts to eliminate the disease. Measures to control the disease must be implemented at a regional level and should target the dog by methods currently being used in Turkey such as parenteral vaccination and control of stray dogs. Rabies in the fox can be contained and eliminated by oral vaccination, a strategy that has been successfully used throughout much of Europe.

#### **Acknowledgements**

This work has been supported by the Department for Environment, Food and

Rural Affairs (SEO524) and in collaboration with Drs Hikmet Un and Orhan Aylan of the Etlik Central Veterinary Control and Research Institute, Ankara, Turkey.

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Table 1. Rabies cases within Turkey (1993- 2002)†

Year	Dog	Cattle/ Sheep/ Goats	Fox	Cat	Jackal	Marten	Horse/ Donkey	Wolf	Other
1993	203	53	0	21				0	6
1994	143	24	0	3				0	0
1995	143	20	0	4				0	0
1996	103	18	0	4				0	0
1997	117	14	1	6				0	1
1998	104	22	0	1				0	1
1999	189	24	1	0	0	0	2	0	1
2000	252	32	8	0	1	1	2	0	0
2001	130	39	9	0	2	4	6	0	0
2002	79	138	24	1	3	3	0	2	0
2003	59	68	13	8	0	1	4	0	3
2004	51	47	7	3	0	0	0	1	0

Source: Etlik Central Veterinary Control and Research Institute, Ankara, Turkey and the Rabies Bulletin Europe

† No human cases of rabies were recorded during this period.



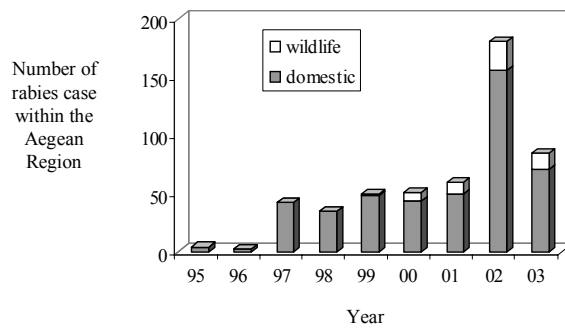
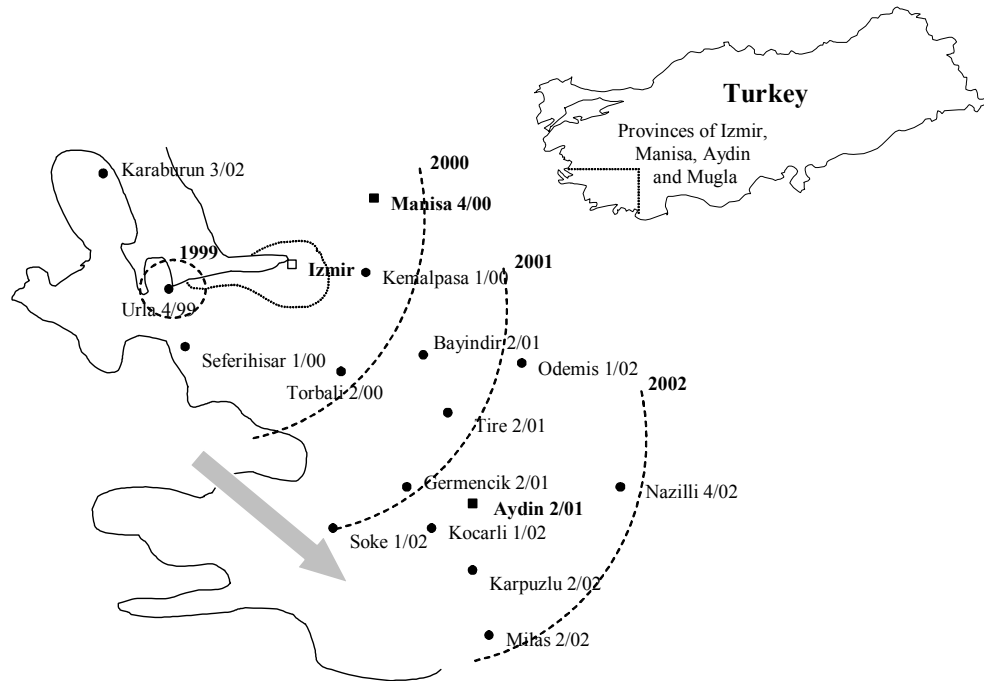


Figure 1: Map of western Turkey showing the spread of fox rabies cases through western Turkey 1999 – 2002. The major towns where fox cases were reported are marked along with the date when the first case occurred (quarter and year). The wave front and grey arrow indicate the direction spread of rabies through this region. The graph documents the number of domestic and wildlife cases within the provinces of Izmir, Manisa, Aydin and Mugla between 1995 and 2002.

## 3.2 MED-VET-NET. A European network of Excellence

Molecular Epidemiology of European Bat Lyssaviruses  
(funded by Sixth Framework Programme of the European Union)

Bat variants of rabies virus are of increasing public health importance, not only in Europe but worldwide. Phylogenetic studies have established similarities between rabies virus strains and related these to the species of bat that they infect. In Europe, for reasons unknown, the virus responsible for classical rabies virus (genotype 1) has never been detected within indigenous bat species from Europe. However, two related viruses fill this ecological niche, namely European bat lyssaviruses (EBLV) type 1 and 2 (genotypes 5 and 6). Evolutionary analysis indicates that there was a low intrinsic heterogeneity between EBLV-1 and -2, and that both EBLV groups had evolved into at least two genetically distinguishable lineages (EBLV-1a or 1b and EBLV-2a or 2b). Molecular typing, particularly using partial DNA sequencing of the variable genes including the N- (nucleoprotein) and G- (glycoprotein) gene, provides epidemiological information regarding the geographical and host origins of the viruses involved. Additionally, genotyping viral isolates from European bats will enable further investigation into virus evolution and the surveillance for the emergence of new European rabies virus strains adapted to bats. It is speculated that the different EBLV-1 lineages were introduced into parts of northern Europe from two directions, EBLV-1a being the most recently introduced strain from a North African origin via the south of Spain. EBLV-1a exhibits a west-east European division whilst EBLV-1b has a north-south distribution. The large majority of isolates were from *Eptesicus serotinus*. EBLV-1a and 1b could then represent two variant groups adapted to the same host. The first isolation of EBLV-2 in 1985 was from a Swiss bat biologist, who had been working on bats in Finland.

Then, in 1986, it was isolated in Denmark and Germany from a Daubenton's bat (*Myotis daubentonii*) and in Denmark from a pond bat (*Myotis*

*dasycneme*). In total there have been 19 records of this virus, from Denmark, Finland, Germany, Netherlands, Switzerland and UK. The principal, if not sole, natural wild hosts of EBLV-2 are *M. dasycneme* and *M. daubentonii*.

In 2004, the EU funded a network of excellence, MED-VET-NET with the objective for the 'virtual' integration of veterinary and medical facilities within Europe.

(For further information on MED-VET-NET, visit <http://www.medvetnet.org>.)

MED-VET-NET comprises veterinary institutes and public health institutes in different European countries. These partner institutes have national reference laboratory-based responsibilities for the prevention and control of zoonoses. Participants in the network undertake jointly executed research projects (workpackages) on zoonotic agents in Europe. As rabies is a notifiable disease throughout Europe and it is possible that under-reporting of bat rabies cases might occur, a project entitled '*Molecular Epidemiology of European Bat Lyssaviruses*' was funded. The aims of this project were to increase the awareness of EBLVs, to collate sequence data and archive material from EBLV isolates from the various collaborating institutes across Europe and to store this information on a common database for use by all members of MED-VET-NET with access by others outside of the network. An initial meeting to discuss the aims and objectives of the EBLV project was held in the Netherlands in September 2004. A second meeting has recently been held in Poland in September 2005 at which the development of a database was reported to record genetic data from EBLV isolates. Primarily the database will include partial N-gene sequence data. However, this will be enhanced with sequence data from other genomic regions. The overall aim will be to disseminate the information to enable rapid genotyping of new strains of rabies

virus and to provide a greater understanding of the geographical and host specific evolution of the EBLVs. The EBLV study group consists of the MED-VET-NET partners (listed below) but also rabies virus specialists and chiroptera specialists from institutes outside of the network. The next EBLV meeting will be held in September 2006 in Spain.

For further details, please contact Tony Fooks (t.fooks@vla.defra.gsi.gov.uk).

The MED-VET-NET partnership:

Agence française de sécurité sanitaire des aliments (AFSSA), France

Veterinary Laboratories Agency (VLA), United Kingdom

Society for Applied Microbiology (SfAM), United Kingdom

Centraal Instituut voor Dierziekte Controle-Lelystad (CIDC), The Netherlands

Danmarks Fødevare- og Veterinærforskning (DFVF), Denmark

Statens Veterinärmedicinska Anstalt (SVA), Sweden

Veterinary Medical Research Institute (VMRI), Hungary

Veterinary School, Complutense University Madrid (VCM), Spain

Centro Nacional de Microbiología. Instituto de Salud Carlos III (ISCIII), Spain

Istituto Superiore di Sanità (ISS), Italy

Panstwowy Zakład Higieny (PZH), Poland

Health Protection Agency (HPA), United Kingdom

Statens Serum Institut (SSI), Denmark

Rijksinstituut voor Volksgezondheid en Milieu (RIVM), The Netherlands

Federal Institute for Risk Assessment (BfR), Germany

## 4 DISTRIBUTION OF RABIES IN EUROPE

### 4.1 Country summaries of rabies cases, 2nd quarter 2005

01.04.05 -30.06.05

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	16	6	7	0	0	0	0	0	29	71	8	0	1	4	0	2	0	0	0	0	0	0	86	0	0	115
BELGIUM	BEL *									0														0			0
BOSNIA A HERCEGOVINA	BIH	1	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4
BULGARIA	BGR	0	0	0	0	2	0	0	0	2	3	0	0	0	0	0	1	0	0	0	0	0	0	4	0	0	6
CROATIA	HRV *	1	2	0	0	0	0	0	0	3	56	0	0	0	0	1	0	0	0	0	0	0	0	57	0	0	60
CYPRUS	CYP *									0														0			0
CZECH REPUBLIC	CZH *									0														0			0
DENMARK	DNK *									0														0			0
ESTONIA	EST	1	1	1	1	0	0	0	0	4	20	17	0	0	2	0	0	0	0	0	0	0	0	39	0	0	43
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	3	0	3
GERMANY	DEU	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9	2	0	11
GREECE	GRC *									0														0			0
HUNGARY	HUN	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
ICELAND	ISL *									0														0			0
IRELAND	IRE *									0														0			0
ITALY	ITA *									0														0			0
LATVIA	LVA	6	8	2	0	0	0	0	0	16	38	19	0	0	5	0	2	0	0	1	0	0	1	66	0	0	82
LITHUANIA	LTU	26	15	13	0	0	0	1	0	55	148	77	0	0	1	27	6	0	0	0	0	0	3	262	0	0	317
LUXEMBOURG	LUX *									0														0			0
MACEDONIA	MKD **									0														0			0
MOLDOVA	MDA **									0														0			0
NETHERLANDS	NED *									0														0			0
NORWAY	NOR *									0														0			0
POLAND	POL	3	3	0	0	0	0	0	0	6	23	2	0	0	0	0	0	0	0	0	0	0	0	25	2	0	33
PORTUGAL	PRT *									0														0			0
ROMANIA	ROU	17	18	9	3	1	0	0	1	49	65	0	0	0	1	0	0	0	1	0	0	0	7	74	0	0	123
RUSSIAN FEDERATION	RUS	220	107	130	9	26	5	8	3	508	400	9	0	4	3	2	3	0	0	0	0	0	9	430	0	4	942
SERBIA A MONTENEGRO	SCG	1	1	0	0	0	0	0	0	2	16	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	18
SLOVAK REPUBLIC	SVK	3	0	0	0	0	0	0	0	3	9	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	12
SLOVENIA	SVN	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
SPAIN	ESP	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
SWEDEN	SWE *									0														0			0
SWITZERLAND + LIEC.	CHE *									0														0			0
TURKEY	TUR	23	1	14	0	3	0	0	0	41	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	42	
UNITED KINGDOM	UNK *									0														0			0
UKRAINE	UKR	87	77	34	0	5	0	0	0	203	129	6	0	2	2	1	0	0	0	0	0	0	1	141	0	0	344
<b>TOTAL</b>		<b>406</b>	<b>241</b>	<b>211</b>	<b>13</b>	<b>37</b>	<b>5</b>	<b>9</b>	<b>4</b>	<b>926</b>	<b>991</b>	<b>138</b>	<b>0</b>	<b>7</b>	<b>18</b>	<b>31</b>	<b>13</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>1222</b>	<b>7</b>	<b>4</b>	<b>2159</b>
<b>PER CENT</b>		<b>18,8%</b>	<b>11,2%</b>	<b>9,8%</b>	<b>0,6%</b>	<b>1,7%</b>	<b>0,2%</b>	<b>0,4%</b>	<b>0,2%</b>	<b>42,9%</b>	<b>45,9%</b>	<b>6,4%</b>	<b>0,0%</b>	<b>0,3%</b>	<b>0,8%</b>	<b>1,4%</b>	<b>0,6%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>1,0%</b>	<b>56,6%</b>	<b>0,3%</b>	<b>0,2%</b>	<b>100%</b>

\* NO CASES

\*\* NO DATA

4.2 Rabies cases per country and administrative units, 2nd quarter 2005

01.04.05-30.06.05

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>BOSNIA AND HERZEGOVINA</b>																											
Gradiska	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
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	
Mrkonjić Grad	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	
<b>TOTAL</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>2</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>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>4</b>	
PER CENT	25,0%	0,0%	25,0%	0,0%	0,0%	0,0%	0,0%	0,0%	50,0%	50,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	50,0%	0,0%	0,0%	100%	
<b>CROATIA</b>																											
Bjelovarsko-bilogorska	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	
Brodsko-posavska	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	
Karlovacka	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	
Koprivničko-križevačka	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	
Krapinsko-zagorska	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	
Licko-senjska	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	
Požeško-slavonska	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	
Primorsko-Goranska	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	
Sisacko-moslavacka	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	
Splitsko-dalmatinska	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	
Varaždinska	0	1	0	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	7	
Virovitičko-Podravska	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	
Vukovarsko-srijemska	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	
Zagrebacka	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	13	
<b>TOTAL</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>56</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>0</b>	<b>57</b>	<b>0</b>	<b>0</b>	<b>60</b>	
PER CENT	1,7%	3,3%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	5,0%	93,3%	0,0%	0,0%	0,0%	0,0%	1,7%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	95,0%	0,0%	0,0%	100%	
<b>SLOVAKIA</b>																											
Banskobystrický kraj	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	
Bratislavský kraj	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	
Košický kraj	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	
Nitriansky kraj	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	
Trnavský kraj	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	
<b>TOTAL</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>3</b>	<b>9</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>9</b>	<b>0</b>	<b>0</b>	<b>12</b>	
PER CENT	25,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	25,0%	75%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	75,0%	0,0%	0,0%	100%	
<b>SPAIN</b>																											
Mejilla	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	
<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>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>		
PER CENT	100%	0,0%	0,0%	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%	0,0%	0,0%	0,0%	0%	0,0%	0,0%	100%	

## 4.2 Rabies cases per country and administrative units, 2nd quarter 2005

01.04.05-30.06.05

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	0	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
Hiiumaa	1	0	0	1	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	
Ida-Virumaa	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	
Järvamaa	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Jõgevamaa	0	0	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	
Läänemaa	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	
Lääne-Virumaa	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	
Pärnumaa	0	0	0	0	0	0	0	0	0	0	4	8	0	0	0	0	0	0	0	0	0	0	0	12	0	0	12	
Raplamaa	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	
Tartumaa	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	
Võrumaa	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	4	0	0	4	
Viljandimaa	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	
<b>TOTAL</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>20</b>	<b>17</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>39</b>	<b>0</b>	<b>0</b>	<b>43</b>		
PER CENT	2,3%	2,3%	2,3%	2,3%	0,0%	0,0%	0,0%	0,0%	9,3%	46,5%	39,5%	0,0%	0,0%	4,7%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	90,7%	0,0%	0,0%	100%		
<b>HUNGARY</b>																												
Fejér	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	
Pest	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>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>		
PER CENT	0,0%	100%	0,0%	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%	0,0%	0,0%	0,0%	0%	0,0%	0,0%	100%		
<b>LITHUANIA</b>																												
Alytus	0	1	2	0	0	0	0	0	3	9	10	0	0	0	1	0	0	0	0	0	0	0	20	0	0	23		
Kaunas	2	2	1	0	0	0	0	0	5	6	6	0	0	0	2	0	0	0	0	0	0	0	14	0	0	19		
Klaipėda	4	2	2	0	0	0	0	0	8	13	11	0	0	0	0	0	0	0	0	0	0	2	26	0	0	34		
Marijampolė	3	1	3	0	0	0	0	0	7	8	4	0	0	0	2	0	0	0	0	0	0	0	14	0	0	21		
Panėvėžys	12	1	3	0	0	0	0	0	16	27	9	0	0	0	7	0	0	0	0	0	0	0	43	0	0	59		
Šiauliai	1	1	0	0	0	0	0	0	2	9	8	0	0	0	4	1	0	0	0	0	0	0	22	0	0	24		
Tauragė	1	2	1	0	0	0	0	0	4	5	3	0	0	0	3	0	0	0	0	0	0	0	11	0	0	15		
Telšiai	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		
Utena	0	1	0	0	0	0	0	0	1	13	5	0	0	0	2	2	0	0	0	0	0	1	23	0	0	24		
Vilnius	3	4	1	0	0	0	1	0	9	55	21	0	0	1	6	3	0	0	0	0	0	0	86	0	0	95		
<b>TOTAL</b>	<b>26</b>	<b>15</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>55</b>	<b>148</b>	<b>77</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>27</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>262</b>	<b>0</b>	<b>0</b>	<b>317</b>		
PER CENT	8,2%	4,7%	4,1%	0,0%	0,0%	0,0%	0,3%	0,0%	17,4%	46,7%	24,3%	0,0%	0,0%	0,3%	8,5%	1,9%	0,0%	0,0%	0,0%	0,0%	0,0%	0,9%	82,6%	0,0%	0,0%	100%		
<b>FRANCE</b>																												
Centre	0	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		
Champagne Ardenne	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>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>3</b>	<b>0</b>	<b>3</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%	100%	0,0%	100%		

## 4.2 Rabies cases per country and administrative units, 2nd quarter 2005

01.04.05-30.06.05

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	0	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
Alūksne	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	
Bauska	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	3	0	0	3	
Cēsis	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	
Daugavpils	0	0	1	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	
Dobele	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	4	0	0	4	
Jelgava	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	
Kuldīga	1	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	
Liepāja	1	0	0	0	0	0	0	0	0	1	7	2	0	0	1	0	0	0	0	0	0	0	0	10	0	0	11	
Limbaži	1	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	4	
Ludza	0	0	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	
Madona	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	
Ogre	0	2	0	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	6	
Preiļi	0	0	1	0	0	0	0	0	0	1	4	3	0	0	0	0	0	0	0	1	0	0	0	8	0	0	9	
Rēzekne	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	0	0	2	
Rīga	0	0	0	0	0	0	0	0	0	0	3	1	0	0	1	0	0	0	0	0	0	0	0	5	0	0	5	
Saldus	2	2	0	0	0	0	0	0	0	4	1	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	7	
Talsi	0	1	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	
Tukums	0	0	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	
Valka	0	1	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	
Valmiera	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	
Ventspils	0	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	
<b>TOTAL</b>	<b>6</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>38</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>66</b>	<b>0</b>	<b>0</b>	<b>82</b>	
PER CENT	7,3%	9,8%	2,4%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	19,5%	46,3%	23,2%	0,0%	0,0%	6,1%	0,0%	2,4%	0,0%	0,0%	1,2%	0,0%	0,0%	1,2%	80,5%	0,0%	0,0%	100%	
<b>FEDERAL REPUBLIC OF GERMANY</b>																												
Brandenburg	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	
Hesse	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	
Rhineland-Palatinate	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	
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>9</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>9</b>	<b>2</b>	<b>0</b>	<b>11</b>	
PER CENT	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	82%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	81,8%	18,2%	0,0%	100%	
<b>BULGARIA</b>																												
Montana	0	0	0	0	1	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	
Silistra	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>6</b>	
PER CENT	0,0%	0,0%	0,0%	0,0%	33,3%	0,0%	0,0%	0,0%	0,0%	33%	50%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	16,7%	0,0%	0,0%	0,0%	0,0%	0,0%	67%	0,0%	0,0%	100%	

4.2 Rabies cases per country and administrative units, 2nd quarter 2005

01.04.05-30.06.05

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	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
Central Serbia	1	0	0	0	0	0	0	0	1	13	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	14	
Vojvodina	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>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>16</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>16</b>	<b>0</b>	<b>0</b>	<b>18</b>	
PER CENT	5,6%	5,6%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	11,1%	88,9%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	88,9%	0,0%	0,0%	100%	
<b>TURKEY</b>																											
Aydın	0	0	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Balıkesir	1	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Bursa	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	
Gaziantep	3	0	2	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Hatay	5	0	2	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	
Izmir	2	0	3	0	2	0	0	0	7	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8	
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	
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	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	
Manisa	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Ordu	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	
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	
S. Urfa	2	0	2	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Tunceli	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	
<b>TOTAL</b>	<b>23</b>	<b>1</b>	<b>14</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>42</b>	
PER CENT	54,8%	2,4%	33,3%	0,0%	7,1%	0,0%	0,0%	0,0%	97,6%	2,4%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	2,4%	0,0%	0,0%	100%	
<b>POLAND</b>																											
Lodzkie	0	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	
Lubelskie	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	
Lubuskie	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	
Opolskie	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	
Podkarpackie	0	1	0	0	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	7	
Warminko-Mazurskie	2	2	0	0	0	0	0	0	4	11	2	0	0	0	0	0	0	0	0	0	0	0	13	0	0	17	
Wielkopolskie	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	
<b>TOTAL</b>	<b>3</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>23</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>0</b>	<b>0</b>	<b>25</b>	<b>2</b>	<b>0</b>	<b>33</b>	
PER CENT	9,1%	9,1%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	18,2%	69,7%	6,1%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	75,8%	6,1%	0,0%	100%	
<b>SLOVENIA</b>																											
Notranjsko Kraska	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	
<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>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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	
PER CENT	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	100%	



4.2 Rabies cases per country and administrative units, 2nd quarter 2005

01.04.05-30.06.05

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	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
Arges	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
Bacau	1	2	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	4	
Bihar	0	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3	
Bistrita Nasaud	0	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	
Botosani	0	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	
Brasov	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	
Braila	0	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	
Buzau	5	1	5	0	0	0	0	0	0	11	0	0	0	0	0	0	0	1	0	0	0	3	4	0	0	15	
Caras S.	1	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	
Cluj	1	1	2	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	9	
Constanta	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Covasna	0	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	
Dambovita	1	0	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	
Dolj	0	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	
Galati	0	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Gorj	1	0	1	0	0	0	0	0	0	2	6	0	0	0	0	0	0	0	0	0	0	0	6	0	0	8	
Harghita	0	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	
Hunedoara	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	
Ialomita	0	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	
Iasi	1	1	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	
Ifov	0	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	
Mehedinti	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Mures	0	0	0	1	0	0	0	0	0	1	10	0	0	0	1	0	0	0	0	0	0	1	12	0	0	13	
Neamt	0	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	
Olt	0	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	
Satu Mare	0	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	
Salaj	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Sibiu	2	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Suceava	2	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	6	
Timis	0	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	
Tulcea	1	0	0	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	
Vaslui	0	1	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	
Vrancea	0	0	1	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	
<b>TOTAL</b>	<b>17</b>	<b>18</b>	<b>9</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>49</b>	<b>65</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>74</b>	<b>0</b>	<b>0</b>	<b>123</b>	
<b>PER CENT</b>	<b>13,8%</b>	<b>14,6%</b>	<b>7,3%</b>	<b>2,4%</b>	<b>0,8%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,8%</b>	<b>39,8%</b>	<b>52,8%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,8%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,8%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>5,7%</b>	<b>60,2%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>100%</b>	

## 4.2 Rabies cases per country and administrative units, 2nd quarter 2005

01.04.05-30.06.05

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.	0	1	1	0	1	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	7
Chernigovskaja o.	1	2	1	0	0	0	0	0	4	9	0	0	1	0	0	0	0	0	0	0	0	10	0	0	14	
Chernovitskaja o.	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	
Dnepropetrovskaja o.	5	5	3	0	1	0	0	0	14	13	1	0	0	1	0	0	0	0	0	0	0	15	0	0	29	
Donetskaja o.	11	5	2	0	1	0	0	0	19	11	2	0	0	0	0	0	0	0	0	0	0	13	0	0	32	
Ivano-Frankovskaja	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Kharkovskaja o.	8	12	0	0	0	0	0	0	20	10	0	0	0	0	0	0	0	0	0	0	1	11	0	0	31	
Kiyevskaja o.	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	
Khersonskaja o.	3	2	0	0	1	0	0	0	6	15	2	0	0	0	0	0	0	0	0	0	0	17	0	0	23	
Khmel'nitskaja o.	1	1	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	5	
Kirovogradskaja o.	0	3	1	0	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	6	
Luganskaja o.	10	2	2	0	0	0	0	0	14	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	19	
Nikolajevskaja o.	1	1	0	0	0	0	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0	4	
Odesskaja o.	2	2	0	0	0	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	9	
Poltavskaja o.	8	7	3	0	0	0	0	0	18	5	0	0	0	1	0	0	0	0	0	0	6	0	0	24		
Rovenskaja o.	0	1	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	
Sumskaja o.	10	8	10	0	1	0	0	0	29	13	0	0	0	0	0	0	0	0	0	0	0	13	0	0	42	
Ternopolskaja o.	5	3	0	0	0	0	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	10	
Volynskaja o.	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Vinnitskaja o.	2	2	0	0	0	0	0	0	4	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0	6	
Zakarpatskaja o.	2	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	
Zaporozhskaja o.	16	16	10	0	0	0	0	0	42	16	1	0	0	0	0	0	0	0	0	0	0	17	0	0	59	
Zhitomirskaja o.	1	4	0	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	8	
<b>TOTAL</b>	<b>87</b>	<b>77</b>	<b>34</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>203</b>	<b>129</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>2</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>141</b>	<b>0</b>	<b>0</b>	<b>344</b>
<b>PER CENT</b>	<b>25,3%</b>	<b>22,4%</b>	<b>9,9%</b>	<b>0,0%</b>	<b>1,5%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>59,0%</b>	<b>37,5%</b>	<b>1,7%</b>	<b>0,0%</b>	<b>0,6%</b>	<b>0,6%</b>	<b>0,3%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,3%</b>	<b>41,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>100%</b>
<b>BELARUS</b>																										
Brest	1	1	1	0	0	0	0	0	3	10	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	13
Vitebsk	5	2	1	0	0	0	0	0	8	8	2	0	1	0	0	0	0	0	0	0	0	0	11	0	0	19
Gomel	0	1	1	0	0	0	0	0	2	12	0	0	0	1	0	1	0	0	0	0	0	0	14	0	0	16
Grodn	6	0	2	0	0	0	0	0	8	26	3	0	0	3	0	1	0	0	0	0	0	33	0	0	41	
Minsk	1	2	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	
Mogelov	3	0	2	0	0	0	0	0	5	13	3	0	0	0	0	0	0	0	0	0	0	16	0	0	21	
<b>TOTAL</b>	<b>16</b>	<b>6</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>71</b>	<b>8</b>	<b>0</b>	<b>1</b>	<b>4</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>86</b>	<b>0</b>	<b>0</b>	<b>115</b>
<b>PER CENT</b>	<b>13,9%</b>	<b>5,2%</b>	<b>6,1%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>25,2%</b>	<b>61,7%</b>	<b>7,0%</b>	<b>0,0%</b>	<b>0,9%</b>	<b>3,5%</b>	<b>0,0%</b>	<b>1,7%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>74,8%</b>	<b>0,0%</b>	<b>0,0%</b>	<b>100%</b>

## 4.2 Rabies cases per country and administrative units, 2nd quarter 2005

01.04.05-30.06.05

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>RUSSIA</b>																										
Astrahanskaja obl.	9	1	12	0	7	0	0	3	32	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	37
Adygeja resp.	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
Belgorodskaja obl.	34	16	7	0	2	0	0	0	59	24	0	0	0	0	1	0	0	0	0	0	0	1	26	0	0	85
Brjanskaja obl.	1	0	0	0	0	0	0	0	1	13	0	0	1	0	0	0	0	0	0	0	0	0	14	0	0	15
Cecenskaja resp.	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
Chuvashskaja resp.	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
Dagestan resp.	2	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Ivanovskaja obl.	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
Jaroslavskaja obl.	3	0	7	0	1	0	0	0	11	7	1	0	0	0	0	0	0	0	0	0	0	1	9	0	0	20
Kabardino-Balk. resp	1	2	3	1	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Kaliningradskaja obl.	0	0	4	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	10
Kalmykija resp.	0	0	3	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Kaluzskaja obl.	1	5	2	0	0	0	0	0	8	20	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	28
Karacaevo-Cerkess. resp.	0	0	2	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Krasnodarskij kr.	20	1	2	0	0	0	4	0	27	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	31
Kurskaja obl.	15	8	9	1	1	0	0	0	34	30	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	64
Lipeckaja obl.	13	9	8	0	0	0	0	0	30	43	0	0	0	0	0	0	0	0	0	0	0	0	43	0	0	73
Mordovija resp.	2	1	0	0	0	0	0	0	3	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	11
Moskovskaja obl.	7	3	0	0	0	0	0	0	10	22	3	0	0	0	0	1	0	0	0	0	0	0	26	0	0	36
Nizegorodskaja obl.	3	1	0	0	0	0	0	0	4	12	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	16
Orlovskaja obl.	8	8	8	1	0	0	0	0	25	18	0	0	0	1	0	0	0	0	0	0	0	0	19	0	0	44
Penzenskaja obl.	10	3	3	1	3	0	0	0	20	36	0	0	0	0	0	1	0	0	0	0	0	0	37	0	0	57
Pskovskaja obl.	1	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	3
Rjazanskaja obl.	4	3	0	1	0	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	16
Rostovskaja obl.	5	5	5	0	0	3	0	0	18	7	0	0	1	0	0	0	0	0	0	0	0	0	8	0	0	26
Saratovskaja obl.	24	10	17	1	0	0	1	0	53	29	0	0	0	2	0	1	0	0	0	0	0	2	34	0	0	87
Sever. Oset-Ala. resp.	4	1	10	0	0	2	3	0	20	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	21	
Smolenskaja obl.	3	1	0	0	0	0	0	0	4	13	2	0	0	0	0	0	0	0	0	0	0	0	15	0	0	19
Stavropol'skij kr.	4	4	1	1	10	0	0	0	20	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	23
Tambovskaja obl.	2	0	2	0	0	0	0	0	4	23	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	27
Tul'skaja obl.	8	9	3	1	0	0	0	0	21	18	0	0	0	0	0	0	0	0	0	0	1	19	0	0	40	
Tverskaja obl.	4	0	1	0	0	0	0	0	5	11	3	0	0	0	0	0	0	0	0	0	0	14	0	0	19	
Uljanovskaja obl.	6	3	0	0	0	0	0	0	9	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	14	
Volgogradskaja obl.	1	1	9	0	0	0	0	0	11	2	0	0	1	0	0	0	0	0	0	0	0	0	3	0	0	14
Vladimirskaja obl.	4	0	0	0	1	0	0	0	5	4	0	0	0	0	0	0	0	0	0	0	0	4	0	1	10	
Voronezskaja obl.	21	12	9	0	1	0	0	0	43	26	0	0	0	0	1	0	0	0	0	0	0	2	29	0	0	72
<b>TOTAL</b>	<b>220</b>	<b>107</b>	<b>130</b>	<b>9</b>	<b>26</b>	<b>5</b>	<b>8</b>	<b>3</b>	<b>508</b>	<b>400</b>	<b>9</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>430</b>	<b>0</b>	<b>4</b>	<b>942</b>
PER CENT	23,4%	11,4%	13,8%	1,0%	2,8%	0,5%	0,8%	0,3%	53,9%	42,5%	1,0%	0,0%	0,4%	0,3%	0,2%	0,3%	0,0%	0,0%	0,0%	0,0%	0,0%	1,0%	45,6%	0,0%	0,4%	100%

### 4.3 Trend tables

#### 4.3.1 Comparison of the reporting quarter (II/2005) with the previous quarter (I/2005)

NAME	Total			Wildlife			Domestic animals			Bats			Human		
	II 2005 (no.)	I 2005 (no.)	Difference	II 2005 (no.)	I 2005 (no.)	Difference	II 2005 (no.)	I 2005 (no.)	Difference	II 2005 (no.)	I 2005 (no.)	Difference	II 2005 (no.)	I 2005 (no.)	Difference
ALBANIA	0	2	-2	0	2	-2	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	115	95	20	86	73	13	29	22	7	0	0	0	0	0	0
BELGIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOSNIA - HERCEGOVINA	4	7	-3	2	6	-4	2	1	1	0	0	0	0	0	0
BULGARIA	6	2	4	4	0	4	2	2	0	0	0	0	0	0	0
CROATIA	60	153	-93	57	147	-90	3	6	-3	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	43	62	-19	39	54	-15	4	8	-4	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANCE	3	0	3	0	0	0	0	0	0	3	0	3	0	0	0
GERMANY	11	25	-14	9	24	-15	0	1	-1	2	0	2	0	0	0
GREECE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNGARY	2	4	-2	0	4	-4	2	0	2	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	82	109	-27	66	96	-30	16	13	3	0	0	0	0	0	0
LITHUANIA	317	193	124	262	166	96	55	27	28	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	
MOLDOVA	*	*		*	*		*	*		*	*		*	*	
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	33	24	9	25	22	3	6	2	4	2	0	2	0	0	0
PORTUGAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANIA	123	151	-28	74	118	-44	49	33	16	0	0	0	0	0	0
RUSSIAN FEDERATION	942	839	103	430	402	28	508	433	75	0	0	0	4	4	0
SERBIA AND MONTENEGRO	18	33	-15	16	28	-12	2	5	-3	0	0	0	0	0	0
SLOVAK REPUBLIC	12	21	-9	9	20	-11	3	1	2	0	0	0	0	0	0
SLOVENIA	1	2	-1	1	2	-1	0	0	0	0	0	0	0	0	0
SPAIN	1	0	1	0	0	0	1	0	1	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	42	56	-14	1	6	-5	41	50	-9	0	0	0	0	0	0
UKRAINE	344	490	-146	141	256	-115	203	234	-31	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>2159</b>	<b>2268</b>	<b>-109</b>	<b>1222</b>	<b>1426</b>	<b>-204</b>	<b>926</b>	<b>838</b>	<b>88</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>0</b>

Wildlife: excluding bats

II /2005 (no.), I /2005 (no.): number of cases

Difference: no. of cases in II /2005 minus cases in I /2005

\* no data

#### 4.3.2 Comparison of the reporting quarter (II/2005) with the same quarter of the previous year (II/2004)

NAME	Total			Wildlife			Domestic animals			Bats			Human		
	II 2005 (no.)	II 2004 (no.)	Difference	II 2005 (no.)	II 2004 (no.)	Difference	II 2005 (no.)	II 2004 (no.)	Difference	II 2005 (no.)	II 2004 (no.)	Difference	II 2005 (no.)	II 2004 (no.)	Difference
ALBANIA	0	3	-3	0	1	-1	0	2	-2	0	0	0	0	0	0
AUSTRIA	0	1	-1	0	1	-1	0	0	0	0	0	0	0	0	0
BELARUS	115	45	70	86	18	68	29	27	2	0	0	0	0	0	0
BELGIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOSNIA - HERCEGOVINA	4	11	-7	2	7	-5	2	4	-2	0	0	0	0	0	0
BULGARIA	6	8	-2	4	3	1	2	5	-3	0	0	0	0	0	0
CROATIA	60	80	-20	57	74	-17	3	6	-3	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	43	58	-15	39	44	-5	4	14	-10	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANCE	3	0	3	0	0	0	0	0	0	3	0	3	0	0	0
GERMANY	11	4	7	9	2	7	0	0	0	2	2	0	0	0	0
GREECE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNGARY	2	34	-32	0	27	-27	2	7	-5	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	82	123	-41	66	94	-28	16	29	-13	0	0	0	0	0	0
LITHUANIA	317	125	192	262	88	174	55	37	18	0	0	0	0	0	0
LUXEMBOURG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MACEDONIA*															
MOLDOVA*															
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	33	22	11	25	16	9	6	4	2	2	2	0	0	0	0
PORTUGAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANIA	123	17	106	74	7	67	49	10	39	0	0	0	0	0	0
RUSSIAN FEDERATION	942	223	719	430	45	385	508	176	332	0	0	0	4	2	2
SERBIA AND MONTENEGRO	18	40	-22	16	28	-12	2	12	-10	0	0	0	0	0	0
SLOVAK REPUBLIC	12	17	-5	9	15	-6	3	2	1	0	0	0	0	0	0
SLOVENIA	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
SPAIN	1	1	0	0	0	0	1	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TURKEY	42	30	12	1	2	-1	41	28	13	0	0	0	0	0	0
UKRAINE	490	131	359	141	49	92	203	82	121	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>2159</b>	<b>974</b>	<b>1185</b>	<b>1222</b>	<b>522</b>	<b>700</b>	<b>926</b>	<b>446</b>	<b>480</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>2</b>

Wildlife: excluding bats

II /2005 (no.), II /2004 (no.): number of cases

Difference: no. of cases in II /2005 minus cases in II /2004

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