

RABIES BULLETIN EUROPE

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1. Editorial

Editorial

As you are aware, in the last issue of a year next to the quarterly reporting we also present a summary of rabies cases and the total number of animals tested for rabies in Europe for the previous year. With 9,830 cases (including 9 human rabies cases and 35 bat rabies cases) in 2005 the total number of rabies cases has increased by 80% compared to 2004 reaching approximately a similar level as in 2003. Interestingly, this increase is based on a 2 to 2.3 fold higher reporting of rabies cases from Russia and Ukraine, respectively. A similar tendency applied for Turkey, where dog mediated rabies is the main problem. Whether this increase is a result of improved surveillance or a result of a deterioration of the rabies situation in those countries remains unclear yet.

In the miscellaneous article we refer to recommendations of the 1st international conference "Rabies in Europe" held in Kiev, Ukraine, 15-18 June 2005 by providing protocols for the passive and active surveillance of bat rabies as developed by a MED-VET-NET working group (see also RBE 2/2005). We would also like to draw your attention to a recent important WHO publication on rabies. The First Report of the WHO Expert Consultation held in Geneva from 4 – 8 October 2004 (WHO Technical Report Series, No 931) is now available.

And finally on a personal note: Our principal editor Carsten Pöttsch will change his position within the institute and will no longer be available. During the next three years he will work for a FAO project on food-and mouth disease in Caucasian countries. We very much appreciate his work as an editor of the Rabies Bulletin Europe. He introduced changes in the way the rabies data are presented nowadays to make the interpretation of the European data clearer. The collaborators and colleagues of the WHO Collaborating Centre for Rabies Surveillance and Research wish him all the best for the future.

To guarantee a continuous publishing of the Rabies Bulletin Europe Carsten Pöttsch will be replaced by Conrad Freuling as our new principal editor.

Thomas Müller, Conrad Freuling

2 SUMMARY OF RABIES CASES IN EUROPE

RABIES CASES		4th QUARTER 2005					TOTAL 2005					Remarks
Name	Code	Total	Wildlife	Domestic animals	Bats	Human	Total	Wildlife	Domestic animals	Bats	Human	
ALBANIA	ALB	0	0	0	0	0	2	2	0	0	0	
AUSTRIA	AUT	0	0	0	0	0	0	0	0	0	0	
BELARUS	BLR	257	191	66	0	0	591	442	149	0	0	
BELGIUM	BEL	0					0					rabies free
BOSNIA A HERCEGOVINA	BIH	15	13	2	0	0	36	30	6	0	0	
BULGARIA	BGR	0	0	0	0	0	8	4	4	0	0	
CROATIA	HRV	221	205	16	0	0	557	525	32	0	0	
CYPRUS	CYP	0					0					rabies free
CZECH REPUBLIC	CZH	1	0	0	1	0	1	0	0	1	0	rabies free
DENMARK	DNK	1	0	0	1	0	2	0	0	2	0	
ESTONIA	EST	91	80	11	0	0	266	229	37	0	0	
FINLAND	FIN	0					0					rabies free
FRANCE	FRA	0	0	0	0	0	3	0	0	3	0	
GERMANY	DEU	6	3	0	3	0	63	41	1	17	4	
GREECE	GRC	0					0					rabies free
HUNGARY	HUN	1	1	0	0	0	9	7	2	0	0	
ICELAND	ISL	0					0					rabies free
IRELAND	IRE	0					0					rabies free
ITALY	ITA	0					0					rabies free
LATVIA	LVA	145	118	27	0	0	421	353	68			
LITHUANIA	LTU	684	539	145	0	0	1652	1312	340	0	0	
LUXEMBOURG	LUX	0					0					rabies free
MACEDONIA	MKD											
MOLDOVA	MDA											
NETHERLANDS	NED	1	0	0	1	0	2	0	0	2	0	
NORWAY	NOR	0					0					rabies free
POLAND	POL	50	28	20	2	0	138	98	36	4	0	
PORTUGAL	PRT	0					0					rabies free
ROMANIA	ROU	216	134	82	0	0	530	354	176	0	0	
RUSSIAN FEDERATION	RUS	525	185	340	0	0	3087	1306	1773	4	4	
SERBIA A MONTENEGRO	SCG	41	32	9	0	0	101	84	17	0	0	
SLOVAK REPUBLIC	SVK	9	9	0	0	0	50	46	4	0	0	
SLOVENIA	SVN	0	0	0	0	0	3	3	0	0	0	
SPAIN	ESP	0	0	0	0	0	1	0	1	0	0	
SWEDEN	SWE	0					0					rabies free
SWITZERLAND + LIEC.	CHE	0					0					rabies free
TURKEY	TUR	45	3	42	0	0	193	11	182	0	0	
UNITED KINGDOM	UNK	0	0	0	0	0	1	0	0	0	1	
UKRAINE	UKR	784	359	425	0	0	2113	959	1152	2	0	
total		3093	1900	1185	8	0	9830	5806	3980	35	9	

Wildlife: excluding bats
for amendments and additional information see table 4.2

3. Miscellaneous Articles

3.1 PASSIVE AND ACTIVE SURVEILLANCE OF BAT LYSSAVIRUS INFECTIONS

Med-Vet-Net working group

A national bat rabies surveillance network should be established in all European countries in close collaboration with bat specialists including international bat agencies. Bats are protected species; hence sampling for surveillance for bat lyssavirus infections has to comply either with regulations of Council Directive 92/43/EEC of the European Union on the conservation of natural habitats and of wild fauna and flora, with the Agreement on the Conservation of Bats in Europe, EUROBATS, 1991 or national legislation. Three potential bat lyssaviruses can occur in Europe; EBLV-1 & -2 in Western and Central Europe and Westcaucasian bat virus in eastern parts of Europe, respectively. The following protocols for passive and active surveillance are based on recommendations of the First International Conference "Rabies in Europe", Kiev, Ukraine, 2005.

PROTOCOL FOR PASSIVE SURVEILLANCE

Passive surveillance is based on the testing of sick, rabies suspect (showing clinical signs or abnormal behaviour) or dead bats of all indigenous bat species for lyssavirus infections. Also, bats involved in contact incidents, e.g. biting or scratching, or animals caught by pets should be included. Further sources of frozen or formalin preserved bat samples can be archives of zoological institutions or private bat collections. All dead bats (regardless of species) should be submitted to the National Rabies Reference Laboratory for lyssavirus testing.

Brain sample collection using a needle through the orbit of the eye socket can be used to cause minimal disruption to the bat skull and allow species

identification. The bat can then be archived as a specimen. Identification of sample bats into species should be performed by bat specialists only or by specialized laboratories using DNA analysis of patagium tissue samples. This method can be important for distinguishing closely related bats such as sibling species.

The method of choice for lyssavirus antigen detection on brain smears is the Fluorescent Antibody Test (FAT) in accordance with WHO guidelines. FAT positive brain samples should be stored for further analysis. For virus characterisation of all lyssavirus positive bats standard sequencing techniques as described should be applied. It is intended to collate and archive sequence data across Europe on a common database. For laboratories that do not have capacity to carry out sequencing, assistance may be provided by other European laboratories. Collection of salivary glands or neck tissue of rabies positive bats can also be useful.

PROTOCOL FOR ACTIVE SURVEILLANCE OF BAT RABIES

Active surveillance is based on the monitoring of free-living indigenous bat populations for lyssavirus infections. The focus of research can either be on the screening of all abundant bat species or on the surveillance of high risk bat species in a particular area. Sampling has to be done without damaging bat populations: killing bats for active surveillance is illegal and unacceptable.

Capturing of bats should be conducted in close collaboration with bat conservationists. Bats can best be captured when leaving their shelters using mist-nets, harp traps, hand-nets, etc., according to the particular roosting

sites. Sampling should be performed on an annual basis, preferably in the same month in order to get comparable data. Avoid repeated sampling in the same year because it could cause excessive disturbance to bat colonies.

Blood sampling of bats requires skills, expertise and training to avoid serious injuries. The most efficient and harmless procedure is lancing veins, e.g. interfemoral vein (uropatagium) as well as antebrachial vein (propatagium). Veins in the patagium membranes should not be used because of the risk of damages. Strictly avoid cardiac puncturing. Blood should quickly be aspirated through a syringe or pipette and transferred to an eppendorf vial and stored appropriately prior to testing. Saliva can be collected using cotton swabs and subsequently be stored in either 1 ml of RNA buffer or viral transport medium for RT-PCR testing and virus isolation, respectively. The latter case is recommended since it offers both diagnostic procedures.

Virus neutralising antibodies can be detected using EBLV-modified versions of the Rapid Fluorescent Focus Inhibition Test (RFFIT) taking the small volume and haemolysis of the serum samples

into account. If possible, sera should be tested separately against both EBLV-1 and EBLV-2. Nested RT-PCR or real time PCR as described is recommended for detection of EBLV-specific RNA in saliva swabs. The RNA extraction method may differ depending on the transport buffer. RT-PCR is considered as a highly sensitive screening method whereas virus isolation confirms shedding of viable and infectious virus.

DATA COLLECTION

For both passive and active surveillance the following data should be collected: (i) ring identification number, (ii) species, (iii) gender and reproductive state, (iv) age (estimated by the degree of ossification in fingers' metacarpals and phalanges, together with tooth wear levels), (v) weight (active surveillance), (vi) collector (name, address, tel.no, email), (vii) accurate location, (viii) details of exposure (contact, biting, scratching, part of the body), (ix) information on abnormal behaviour, etc. and (x) diagnostic test results (FAT, PCR, serology and others if applicable). It is recommended to use a uniform sample submission form for data collection.

3.2 WHO EXPERT CONSULTATION ON RABIES—FIRST REPORT

This report of the WHO Expert Consultation on Rabies held in Geneva 4-8 October 2004 covers essential information for rabies prevention and control throughout the world. As more than 99% of all human rabies deaths occur in the developing world, a re-assessment on the true public health impact and the economic burden of the disease is presented in order to strengthen the commitment to rabies control. It also assists public health authorities in better assessing the risk of human rabies as the emergence of new lyssaviruses and changes in rabies epidemiology are being considered. Furthermore, this report reviews recent progress in rabies research, such as classification of rabies viruses, rabies pathogenesis and diagnosis, rabies pre- and post-exposure prophylaxis, the

management of rabies patients, and canine as well as wildlife rabies prevention and control.

The report also outlines the priorities for basic research, as well as those for operational research for sustainable canine rabies control, including dog population management schemes complying with animal welfare principles. Such operational research is necessary for removing or alleviating the main constraints to rabies control in dogs, as these are the source of most human rabies cases worldwide.

World Health Organization

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4 DISTRIBUTION OF RABIES IN EUROPE

4.1 Country summaries of rabies cases, 4th quarter 2005

01.10.05 -31.12.05

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	25	16	24	1	0	0	0	0	66	167	20	0	3	1	0	0	0	0	0	0	0	0	191	0	0	257	
BELGIUM	BEL *									0														0			0	
BOSNIA A HERCEGOVINA	BIH	1	0	1	0	0	0	0	0	2	13	0	0	0	0	0	0	0	0	0	0	0	13	0	0	15		
BULGARIA	BGR *									0														0			0	
CROATIA	HRV	3	9	1	0	3	0	0	0	16	201	0	0	0	1	0	2	0	0	0	0	0	1	205	0	0	221	
CYPRUS	CYP *									0														0			0	
CZECH REPUBLIC	CZH	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	
DENMARK	DNK	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	
ESTONIA	EST	3	2	4	1	1	0	0	0	11	25	52	0	0	0	1	2	0	0	0	0	0	0	80	0	0	91	
FINLAND	FIN *									0														0			0	
FRANCE	FRA *									0														0			0	
GERMANY	DEU	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	3	3	0	6		
GREECE	GRC *									0														0			0	
HUNGARY	HUN	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		
ICELAND	ISL *									0														0			0	
IRELAND	IRE *									0														0			0	
ITALY	ITA *									0														0			0	
LATVIA	LVA	8	10	8	0	1	0	0	0	27	46	59	0	0	2	4	1	0	0	5	0	0	1	118	0	0	145	
LITHUANIA	LTU	29	40	67	7	1	0	1	0	145	162	319	0	0	0	32	22	0	0	1	0	0	3	539	0	0	684	
LUXEMBOURG	LUX *									0														0			0	
MACEDONIA	MKD **									0														0			0	
MOLDOVA	MDA **									0														0			0	
NETHERLANDS	NED	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		
NORWAY	NOR *									0														0			0	
POLAND	POL	0	2	17	1	0	0	0	0	20	24	2	0	0	2	0	0	0	0	0	0	0	28	2	0	50		
PORTUGAL	PRT *									0														0			0	
ROMANIA	ROU	31	27	19	3	1	0	0	1	82	126	0	0	0	1	1	1	2	2	0	0	0	1	134	0	0	216	
RUSSIAN FEDERATION	RUS	105	116	100	4	8	3	4	0	340	145	24	0	3	1	0	4	0	0	0	0	0	8	185	0	0	525	
SERBIA A MONTENEGRO	SCG	4	4	1	0	0	0	0	0	9	32	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	41	
SLOVAK REPUBLIC	SVK	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	1	9	0	0	9	
SLOVENIA	SVN *									0														0			0	
SPAIN	ESP *									0														0			0	
SWEDEN	SWE *									0														0			0	
SWITZERLAND + LIEC.	CHE *									0														0			0	
TURKEY	TUR	28	1	11	1	1	0	0	0	42	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	45		
UNITED KINGDOM	UNK *									0														0			0	
UKRAINE	UKR	96	177	130	4	17	1	0	0	425	330	10	0	7	1	5	3	0	0	0	0	3	359	0	0	784		
TOTAL		333	404	383	22	33	4	5	1	1185	1285	486	0	13	9	43	35	2	2	7	0	0	18	1900	8	0	3093	
PER CENT		10,8%	13,1%	12,4%	0,7%	1,1%	0,1%	0,2%	0,0%	38,3%	41,5%	15,7%	0,0%	0,4%	0,3%	1,4%	1,1%	0,1%	0,1%	0,2%	0,0%	0,0%	0,6%	61,4%	0,3%	0,0%	100%	

* NO CASES

** NO DATA

4 DISTRIBUTION OF RABIES IN EUROPE

4.2 Country summaries of rabies cases, 2005 total

01.01.05 -31.12.05

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	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
AUSTRIA	AUT *	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
BELARUS	BLR	63	41	42	3	0	0	0	0	149	386	33	0	9	7	0	2	0	0	0	0	0	5	442	0	0	591
BELGIUM	BEL *	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
BOSNIA A HERCEGOVINA	BIH	2	1	3	0	0	0	0	0	6	30	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	36
BULGARIA	BGR	1	0	1	0	2	0	0	0	4	3	0	0	0	0	0	1	0	0	0	0	0	4	0	0	8	
CROATIA	HRV	11	14	3	0	4	0	0	0	32	518	0	0	0	1	1	3	0	0	0	0	2	525	0	0	557	
CYPRUS	CYP *	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	CZH	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
DENMARK	DNK	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
ESTONIA	EST	6	8	19	3	1	0	0	0	37	95	126	0	0	3	1	3	1	0	0	0	0	229	0	0	266	
FINLAND	FIN *	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	
FRANCE	FRA	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	1	0	0	0	0	1	39	0	0	0	0	0	0	0	2	0	0	0	41	17	4	63	
GREECE	GRC *	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	HUN	0	2	0	0	0	0	0	0	2	7	0	0	0	0	0	0	0	0	0	0	0	7	0	0	9	
ICELAND	ISL *	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	IRE *	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	ITA *	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	
LATVIA	LVA	20	29	17	1	1	0	0	0	68	177	136	0	0	13	10	5	0	0	7	0	0	5	353	0	0	421
LITHUANIA	LTU	89	92	146	8	1	1	3	0	340	533	599	0	0	8	114	48	0	0	4	0	0	6	1312	0	0	1652
LUXEMBOURG	LUX *	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	
MACEDONIA	MKD **	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	
MOLDOVA	MDA **	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	
NETHERLANDS	NED	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	
NORWAY	NOR *	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	
POLAND	POL	5	7	23	1	0	0	0	0	36	84	10	0	0	3	1	0	0	0	0	0	0	98	4	0	138	
PORTUGAL	PRT *	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	ROU	64	61	39	7	3	0	0	2	176	333	0	0	1	2	1	2	3	0	0	0	11	354	0	0	530	
RUSSIAN FEDERATION	RUS	647	493	501	23	56	13	37	3	1773	1160	78	0	17	9	4	15	2	0	0	0	21	1306	4	4	3087	
SERBIA A MONTENEGRO	SCG	8	7	1	1	0	0	0	0	17	83	0	0	0	0	0	1	0	0	0	0	0	84	0	0	101	
SLOVAK REPUBLIC	SVK	3	1	0	0	0	0	0	0	4	44	0	0	0	0	0	0	0	0	0	0	2	46	0	0	50	
SLOVENIA	SVN	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	
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	1	
SWEDEN	SWE *	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 + LIEC.	CHE *	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	
TURKEY	TUR	100	4	56	2	20	0	0	0	182	9	0	0	2	0	0	0	0	0	0	0	0	11	0	0	193	
UNITED KINGDOM	UNK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
UKRAINE	UKR	358	470	283	5	35	1	0	0	1152	873	27	0	19	5	22	5	1	0	0	0	7	959	2	0	2113	
TOTAL		1378	1230	1134	55	123	15	40	5	3980	4379	1009	0	48	51	154	82	8	3	13	0	59	5806	35	9	9830	
PER CENT		14,0%	12,5%	11,5%	0,6%	1,3%	0,2%	0,4%	0,1%	40,5%	44,5%	10,3%	0,0%	0,5%	0,5%	1,6%	0,8%	0,1%	0,0%	0,1%	0,0%	0,0%	0,6%	59%	0,4%	0,1%	100%

* NO CASES

** NO DATA

4.3 Rabies cases per country and administrative units, 4th quarter 2005

01.10.05 -31.12.05

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		
BOSNIA AND HERZEGOVINA																												
Banja Luka	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
B. Krupa	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	
Kupres	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	
Derventa	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	
Mrkonjic Grad	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	
Prijedor	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	
Prnjavor	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	
Sarajevo	1	0	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	
Sipovo	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	
Tuzla	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	
Ugljevik	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	
TOTAL	1	0	1	0	0	0	0	0	0	2	13	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	15	
PER CENT	6,7%	0,0%	6,7%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	13,3%	86,7%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	86,7%	0,0%	0,0%	100%	
CROATIA																												
Bjelovarsko-bilogorska	1	0	0	0	0	0	0	0	0	1	18	0	0	0	0	0	0	0	0	0	0	0	1	19	0	0	20	
Brodsko-posavska	0	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	
Grad Zagreb	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	11	
Istarska	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	
Karlovacka	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	
Koprivničko-križevačka	0	2	0	0	0	0	0	0	0	2	51	0	0	0	0	0	0	0	0	0	0	0	0	51	0	0	53	
Krapinsko-zagorska	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11	0	0	11	
Licko-senjska	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	
Osječko-baranjska	0	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	
Požeško-slavonska	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	
Primorsko- Goranska	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	
Sisacko-moslavacka	0	1	0	0	3	0	0	0	0	4	21	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	25	
Splitsko-dalmatinska	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	1	0	0	0	0	0	0	7	0	0	7	
Varaždinska	0	2	0	0	0	0	0	0	0	2	10	0	0	0	1	0	0	0	0	0	0	0	0	11	0	0	13	
Virovitčko-Podravska	0	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	
Vukovarsko-srijemska	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	
Zagrebacka	2	2	0	0	0	0	0	0	0	4	46	0	0	0	0	0	0	0	0	0	0	0	0	46	0	0	50	
TOTAL	3	9	1	0	3	0	0	0	0	16	201	0	0	0	1	0	2	0	0	0	0	0	1	205	0	0	221	
PER CENT	1,4%	4,1%	0,5%	0,0%	1,4%	0,0%	0,0%	0,0%	0,0%	7,2%	91,0%	0,0%	0,0%	0,0%	0,5%	0,0%	0,9%	0,0%	0,0%	0,0%	0,0%	0,0%	0,5%	92,8%	0,0%	0,0%	100%	
CZECH REPUBLIC																												
Jihomoravsky	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	
TOTAL	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		
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%	0%	100%	0,0%	100%	

4.3 Rabies cases per country and administrative units, 4th quarter 2005

01.10.05 -31.12.05

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	
ESTONIA																											
Harjumaa	0	0	0	0	0	0	0	0	0	6	2	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8
Hiiumaa	0	0	2	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
Järvamaa	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	3
Jõgevamaa	0	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	
Lääne-Virumaa	1	0	0	0	0	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	6	
Pärnumaa	0	2	0	0	0	0	0	0	2	5	15	0	0	0	0	0	0	0	0	0	0	0	20	0	0	22	
Põlvamaa	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	
Raplamaa	1	0	1	1	0	0	0	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	6	
Saaremaa	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	
Tartumaa	1	0	0	0	1	0	0	0	2	5	11	0	0	0	0	1	0	0	0	0	0	0	17	0	0	19	
Valgamaa	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	3	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	
Viljandimaa	0	0	0	0	0	0	0	0	0	1	7	0	0	0	0	1	0	0	0	0	0	0	9	0	0	9	
TOTAL	3	2	4	1	1	0	0	0	11	25	52	0	0	0	1	2	0	0	0	0	0	0	80	0	0	91	
PER CENT	3,3%	2,2%	4,4%	1,1%	1,1%	0,0%	0,0%	0,0%	12,1%	27,5%	57,1%	0,0%	0,0%	0,0%	1,1%	2,2%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	87,9%	0,0%	0,0%	100%	
LITHUANIA																											
Alytus	0	1	4	0	0	0	0	0	5	19	19	0	0	0	1	2	0	0	0	0	0	0	41	0	0	46	
Kaunas	4	6	3	1	0	0	0	0	14	19	46	0	0	0	0	0	0	0	0	0	0	1	66	0	0	80	
Klaipeda	5	15	20	0	0	0	0	0	40	19	49	0	0	0	9	1	0	0	0	0	0	0	78	0	0	118	
Marjampole	4	1	11	1	0	0	0	0	17	13	10	0	0	0	0	0	0	0	0	0	0	0	23	0	0	40	
Panvežys	5	5	12	1	0	0	0	0	23	9	39	0	0	0	9	4	0	0	0	0	0	0	61	0	0	84	
Šiauliai	4	4	4	1	0	0	0	0	13	11	27	0	0	0	7	5	0	0	0	0	0	0	50	0	0	63	
Taurage	1	1	0	0	0	0	0	0	2	7	22	0	0	0	0	1	0	0	0	0	0	0	30	0	0	32	
Telšiai	0	1	3	1	0	0	0	0	5	5	3	0	0	0	0	1	0	0	0	0	0	0	9	0	0	14	
Utena	3	4	7	1	1	0	0	0	16	21	46	0	0	0	3	3	0	0	1	0	0	2	76	0	0	92	
Vilnius	3	2	3	1	0	0	1	0	10	39	58	0	0	0	3	5	0	0	0	0	0	0	105	0	0	115	
TOTAL	29	40	67	7	1	0	1	0	145	162	319	0	0	0	32	22	0	0	1	0	0	3	539	0	0	684	
PER CENT	4,2%	5,8%	9,8%	1,0%	0,1%	0,0%	0,1%	0,0%	21,2%	23,7%	46,6%	0,0%	0,0%	0,0%	4,7%	3,2%	0,0%	0,0%	0,1%	0,0%	0,0%	0,4%	78,8%	0,0%	0,0%	100%	
HUNGARY																											
Szabolcs-Szatmár-Bereg	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	
TOTAL	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	
PER CENT	0,0%	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%	100%	0,0%	0,0%	100%	
DENMARK																											
Roskilde amt	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	
TOTAL	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	
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%	100%	

4.3 Rabies cases per country and administrative units, 4th quarter 2005

01.10.05 -31.12.05

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	
LATVIA																											
Aizkraukle	0	0	0	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6
Alūksne	0	1	0	0	1	0	0	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	5	
Bauska	0	0	0	0	0	0	0	0	0	3	2	0	0	0	2	0	0	0	0	0	0	0	7	0	0	7	
Cēsis	0	0	0	0	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	
Daugavpils	1	0	0	0	0	0	0	0	1	4	5	0	0	1	0	0	0	0	0	0	0	0	10	0	0	11	
Dobele	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	
Jēkabpils	0	0	1	0	0	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5	
Jelgava	1	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	
Krāslava	1	0	2	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	
Kuldīga	1	2	0	0	0	0	0	0	3	1	2	0	0	0	1	0	0	0	0	0	0	0	4	0	0	7	
Liepāja	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	
Limbaži	1	0	3	0	0	0	0	0	4	2	7	0	0	0	0	0	0	0	1	0	0	1	11	0	0	15	
Ludza	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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	0	2	
Ogre	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0	0	1	0	0	0	5	0	0	5	
Preiļi	2	4	2	0	0	0	0	0	8	3	3	0	0	0	0	0	0	0	0	0	0	0	6	0	0	14	
Rēzekne	1	0	0	0	0	0	0	0	1	5	3	0	0	0	0	0	0	0	0	0	0	0	8	0	0	9	
Rīga	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	
Saldus	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	
Talsi	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	
Tukums	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	
Valka	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	
Valmiera	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	1	0	0	2	0	0	0	10	0	0	10	
Ventspils	0	1	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	
TOTAL	8	10	8	0	1	0	0	0	27	46	59	0	0	2	4	1	0	0	5	0	0	1	118	0	0	145	
PER CENT	5,5%	6,9%	5,5%	0,0%	0,7%	0,0%	0,0%	0,0%	18,6%	31,7%	40,7%	0,0%	0,0%	1,4%	2,8%	0,7%	0,0%	0,0%	3,4%	0,0%	0,0%	0,7%	81,4%	0,0%	0,0%	100%	
POLAND																											
Dolnoslaskie	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3	
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	
Opolskie	0	2	0	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	6	
Podkarpackie	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	
swietokrzyskie	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	
Warminko-Mazurskie	0	0	17	1	0	0	0	0	18	14	1	0	0	0	0	0	0	0	0	0	0	0	15	2	0	35	
Wielkopolskie	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	3	0	0	3	
TOTAL	0	2	17	1	0	0	0	0	20	24	2	0	0	2	0	0	0	0	0	0	0	0	28	2	0	50	
PER CENT	0,0%	4,0%	34,0%	2,0%	0,0%	0,0%	0,0%	0,0%	40,0%	48,0%	4,0%	0,0%	0,0%	4,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	56,0%	4,0%	0,0%	100%	

4.3 Rabies cases per country and administrative units, 4th quarter 2005

01.10.05 -31.12.05

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	
SERBIA A MONTENEGRO																											
Montenegro	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
Central Serbia	2	3	0	0	0	0	0	0	5	23	0	0	0	0	0	0	0	0	0	0	0	0	23	0	0	28	
Vojvodina	1	1	1	0	0	0	0	0	3	7	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	10	
TOTAL	4	4	1	0	0	0	0	0	9	32	0	0	0	0	0	0	0	0	0	0	0	0	32	0	0	41	
PER CENT	9,8%	9,8%	2,4%	0,0%	0,0%	0,0%	0,0%	0,0%	22,0%	78,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	78,0%	0,0%	0,0%	100%	
TURKEY																											
Aydin	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	
Ardahan	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	
Elazig	8	0	1	0	0	0	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	10	
Hakkari	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	
Hatay	3	0	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Istanbul	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	
Izmir	2	1	4	0	0	0	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	9	
Kilis	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	
K.Maras	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	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	
Mardin	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Mus	1	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Sakarya	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	
S. Urfa	1	0	3	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Trabzon	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	
Tunali	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	
TOTAL	28	1	11	1	1	0	0	0	42	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	45	
PER CENT	62,2%	2,2%	24,4%	2,2%	2,2%	0,0%	0,0%	0,0%	93,3%	6,7%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	6,7%	0,0%	0,0%	100%	
BELARUS																											
Brest	1	2	1	0	0	0	0	0	4	15	1	0	0	0	0	0	0	0	0	0	0	0	16	0	0	20	
Vitebsk	3	3	6	0	0	0	0	0	12	18	10	0	1	1	0	0	0	0	0	0	0	0	30	0	0	42	
Gomel	8	4	4	0	0	0	0	0	16	27	1	0	1	0	0	0	0	0	0	0	0	0	29	0	0	45	
Grodno	6	4	3	1	0	0	0	0	14	42	4	0	0	0	0	0	0	0	0	0	0	0	46	0	0	60	
Minsk	5	1	5	0	0	0	0	0	11	45	4	0	1	0	0	0	0	0	0	0	0	0	50	0	0	61	
Mogelov	2	2	5	0	0	0	0	0	9	20	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	29	
TOTAL	25	16	24	1	0	0	0	0	66	167	20	0	3	1	0	0	0	0	0	0	0	0	191	0	0	257	
PER CENT	9,7%	6,2%	9,3%	0,4%	0,0%	0,0%	0,0%	0,0%	25,7%	65,0%	7,8%	0,0%	1,2%	0,4%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	74,3%	0,0%	0,0%	100%	
NETHERLAND																											
	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	
TOTAL	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	
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%	100%	0,0%	100%	

4.3 Rabies cases per country and administrative units, 4th quarter 2005

01.10.05 -31.12.05

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	
ROMANIA																											
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	1	0	1	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	7
Bacau	1	2	0	0	0	0	0	0	0	3	2	0	0	0	0	0	1	0	0	0	0	0	3	0	0	6	
Bihar	1	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Bistrita Nasaud	0	1	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	6	
Botosani	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	
Braila	0	4	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Brasov	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8	
Buzau	7	2	14	1	0	0	0	0	0	24	22	0	0	0	0	1	0	1	2	0	0	0	0	26	0	0	50
Calarasi	1	0	0	0	0	0	0	0	0	1	10	0	0	0	0	0	0	0	0	0	0	0	10	0	0	11	
Caras Severin	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	
Cluj	1	2	1	0	0	0	0	0	0	4	6	0	0	0	0	0	0	0	0	0	0	0	6	0	0	10	
Constanta	0	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	
Covasna	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	
Dambovita	2	0	0	1	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	6	
Dolj	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	
Galati	0	1	1	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Gorj	1	1	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	5	
Harghita	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	
Hunedoara	0	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	
Ialomita	1	3	0	0	0	0	0	0	0	4	8	0	0	0	0	0	0	0	0	0	0	0	8	0	0	12	
Iasi	0	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	
Mehedinti	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	
Mures	0	1	1	0	0	0	0	0	0	2	11	0	0	0	1	0	0	0	0	0	0	0	12	0	0	14	
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	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Prahova	1	1	0	0	0	0	0	0	0	2	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	7	
Salaj	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	
Satu Mare	0	0	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	
Sibiu	6	1	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	
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	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	
Tulcea	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	4	0	0	4	
Valcea	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Vaslui	2	1	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	6	
Vrancea	1	2	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	
TOTAL	31	27	19	3	1	0	0	1	0	82	126	0	0	0	1	1	1	2	2	0	0	0	1	134	0	0	216
PER CENT	14,4%	12,5%	8,8%	1,4%	0,5%	0,0%	0,0%	0,5%	38,0%	58,3%	0,0%	0,0%	0,0%	0,5%	0,5%	0,5%	0,9%	0,9%	0,0%	0,0%	0,0%	0,5%	62,0%	0,0%	0,0%	100%	

4.3 Rabies cases per country and administrative units, 4th quarter 2005

01.10.05 -31.12.05

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	
UKRAINE																											
Cherkasskaja o.	7	14	9	1	5	0	0	0	36	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	51
Chernigovskaja o.	13	25	11	1	3	0	0	0	53	48	4	0	2	0	2	2	0	0	0	0	0	0	1	59	0	0	112
Chernovitskaja o.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	
Dnepropetrovskaja o.	4	10	11	0	0	1	0	0	26	23	2	0	0	0	1	0	0	0	0	0	0	0	0	26	0	0	52
Donetskaja o.	12	7	7	0	0	0	0	0	26	57	0	0	0	0	0	0	0	0	0	0	0	1	58	0	0	84	
Ivano-Frankovskaja	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	
Kharkovskaja o.	4	4	4	0	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	24
Kiyevskaja 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
Khersonskaja o.	5	13	5	0	0	0	0	0	23	32	1	0	0	0	0	0	0	0	0	0	0	0	0	33	0	0	56
Khmelnitskaja o.	2	3	2	0	0	0	0	0	7	7	0	0	0	1	0	0	0	0	0	0	0	0	0	8	0	0	15
Kirovogradskaja o.	8	14	10	0	1	0	0	0	33	35	0	0	0	0	1	0	0	0	0	0	0	0	0	36	0	0	69
Luganskaja o.	4	1	9	1	0	0	0	0	15	18	0	0	2	0	0	0	0	0	0	0	0	0	0	20	0	0	35
L'vovskaja o.	0	1	2	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	6
Nikolajevskaja o.	5	7	3	0	0	0	0	0	15	14	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	29
Odesskaja o.	2	2	3	0	1	0	0	0	8	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	18
Poltavskaja o.	14	14	29	0	2	0	0	0	59	15	2	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	76
Rovenskaja o.	0	2	1	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4
Sumskaja o.	6	28	8	1	2	0	0	0	45	5	1	0	0	0	0	1	0	0	0	0	0	0	0	7	0	0	52
Ternopolskaja o.	4	2	1	0	0	0	0	0	7	4	0	0	0	0	1	0	0	0	0	0	0	1	6	0	0	13	
Volynskaja o.	0	3	0	0	0	0	0	0	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	8
Vinnitskaja o.	0	14	2	0	1	0	0	0	17	7	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	24
Zakarpatskaja o.	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
Zaporozhskaja o.	5	9	11	0	2	0	0	0	27	11	0	0	1	0	0	0	0	0	0	0	0	0	0	12	0	0	39
Zhitomirskaja o.	1	2	0	0	0	0	0	0	3	6	0	0	1	0	0	0	0	0	0	0	0	0	0	7	0	0	10
TOTAL	96	177	130	4	17	1	0	0	425	330	10	0	7	1	5	3	0	0	0	0	0	0	3	359	0	0	784
PER CENT	12,2%	22,6%	16,6%	0,5%	2,2%	0,1%	0,0%	0,0%	54,2%	42,1%	1,3%	0,0%	0,9%	0,1%	0,6%	0,4%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,4%	45,8%	0,0%	0,0%	100%
FEDERAL REPUBLIC OF GERMANY																											
Bremen	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
Berlin	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	0	2
Rhineland-Palatinate	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	3	
TOTAL	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	3	3	0	6	
PER CENT	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	33%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	16,7%	0,0%	0,0%	0,0%	50,0%	50,0%	0,0%	100%	
SLOVAKIA																											
Bratislavský kraj	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	
Kosický kraj	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	
Nitriansky kraj	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	
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	
TOTAL	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	1	9	0	0	9	
PER CENT	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	89%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	11,1%	100%	0,0%	0,0%	100%	

4.3 Rabies cases per country and administrative units, 4th quarter 2005

01.10.05 -31.12.05

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	
RUSSIA																											
Astrahanskaja obl.	5	4	6	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	16
Belgorodskaja obl.	10	14	6	0	0	0	0	0	30	4	0	0	0	0	0	2	0	0	0	0	0	0	6	0	0	36	
Brijanskaja obl.	1	2	0	0	0	0	0	0	3	21	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	24	
Cecenskaja resp.	0	1	5	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Chuvashskaja resp.	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	
Dagestan resp.	1	2	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
Ivanovskaja obl.	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	
Jaroslavskaja obl.	2	1	0	0	2	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6	
Kabardino-Balk. resp	1	0	4	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Kaliningradskaja obl.	2	1	2	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	8	
Kalmykija resp.	4	1	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Kaluzskaja obl.	6	4	1	0	1	0	0	0	12	9	0	0	0	1	0	1	0	0	0	0	0	2	13	0	0	25	
Karacaevo-Cerkess. 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	
Krasnodarskij kr.	2	3	1	0	0	0	1	0	7	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	10	
Kurskaja obl.	5	9	3	1	0	0	0	0	18	10	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	28	
Lipeckaja obl.	4	8	6	0	0	0	0	0	18	6	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	24	
Marij El resp.	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	
Mordovija resp.	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	
Moskovskaja obl.	3	6	1	0	0	0	0	0	10	10	4	0	0	0	0	0	0	0	0	0	0	0	14	0	0	24	
Nizegorodskaja obl.	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	
Orlovskaja obl.	2	8	13	1	0	0	0	0	24	2	0	0	0	0	0	0	0	0	0	0	1	3	3	0	0	27	
Penzenskaja obl.	8	4	0	1	0	0	0	0	13	10	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	23	
Pskovskaja obl.	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	
Rjazanskaja obl.	5	5	5	0	0	2	0	0	17	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	22	
Rostovskaja obl.	6	7	12	0	0	0	0	0	25	3	0	0	3	0	0	0	0	0	0	0	0	0	6	0	0	31	
Saratovskaja obl.	2	8	6	0	1	0	3	0	20	8	0	0	0	0	0	1	0	0	0	0	2	11	0	0	0	31	
Sever. Oset-Ala. resp.	2	0	5	0	0	1	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
Smolenskaja obl.	2	1	2	0	0	0	0	0	5	8	6	0	0	0	0	0	0	0	0	0	0	0	14	0	0	19	
Stavropol'skij kr.	5	3	3	0	2	0	0	0	13	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	15	
Tambovskaja obl.	2	1	2	0	0	0	0	0	5	6	0	0	0	0	0	0	0	0	0	0	1	7	0	0	0	12	
Tul'skaja obl.	4	5	1	0	0	0	0	0	10	4	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	15	
Tverskaja obl.	2	0	2	0	0	0	0	0	4	8	12	0	0	0	0	0	0	0	0	0	0	20	0	0	0	24	
Uljanovskaja obl.	1	1	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	
Volgogradskaja obl.	1	1	3	0	0	0	0	0	5	2	2	0	0	0	0	0	0	0	0	0	0	4	0	0	0	9	
Vladimirskaja obl.	6	1	0	0	1	0	0	0	8	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	10	
Voronezskaja obl.	10	13	8	1	1	0	0	0	33	9	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	42	
TOTAL	105	116	100	4	8	3	4	0	340	145	24	0	3	1	0	4	0	0	0	0	0	8	185	0	0	525	
PER CENT	20,0%	22,1%	19,0%	0,8%	1,5%	0,6%	0,8%	0,0%	64,8%	27,6%	4,6%	0,0%	0,6%	0,2%	0,0%	0,8%	0,0%	0,0%	0,0%	0,0%	0,0%	1,5%	35,2%	0,0%	0,0%	100%	

4.4 Summary of animals tested for rabies in Europe (total 2005)

ANIMAL TESTED						01.01.05 -31.12.05
Name	Code	Total	Bats	Wildlife	Domestic animals	Remarks
ALBANIA	ALB	44	10	29	5	
AUSTRIA	AUT	10085	4	9857	224	
BELARUS	BLR					no data
BELGIUM	BEL	521	32	132	357	rabies free
BOSNIA A HERCEGOVINA	BIH	7	0	4	3	1st / 2nd quarter 2005
BULGARIA	BGR	63	0	5	58	2nd / 3rd quarter 2005
CROATIA	HRV	4624	0	3787	837	
CYPRUS	CYP					rabies free
CZECH REPUBLIC	CZH	9555	35	8726	794	
DENMARK	DNK	22	14	1	7	
ESTONIA	EST	714	1	363	350	
FINLAND	FIN	512	1	475	36	rabies free
FRANCE	FRA	2297	177	691	1429	
GERMANY	DEU	24167	71	22833	1263	
GREECE	GRC					rabies free
HUNGARY	HUN	6982	4	5878	1100	
ICELAND	ISL					rabies free
IRELAND	IRE					
ITALY	ITA	3047	7	2502	538	rabies free
LATVIA	LVA	710	0	407	303	
LITHUANIA	LTU	244	0	235	9	
LUXEMBOURG	LUX	346	0	341	5	rabies free
MACEDONIA	MKD					no data
MOLDOVA	MDA					no data
NETHERLANDS	NED	68	58	2	8	
NORWAY	NOR					rabies free
POLAND	POL	28148	85	25878	2185	
PORTUGAL	PRT					rabies free
ROMANIA	ROU					no data
RUSSIAN FEDERATION	RUS					no data
SERBIA A MONTENEGRO	SCG	371	0	107	264	
SLOVAK REPUBLIC	SVK	2590	2	1891	697	
SLOVENIA	SVN	1596	2	1393	201	
SPAIN	ESP					no data
SWEDEN	SWE					rabies free
SWITZERLAND + LIEC.	CHE	137	11	70	56	rabies free
TURKEY	TUR	162	0	11	151	
UNITED KINGDOM	UNK	1241	1213	0	28	
UKRAINE	UKR	8237	4	5017	3216	
TOTAL		106490	1731	90635	14124	

4.5 Trend tables

4.5.1 Comparison of the reporting quarter (IV/2005) with the previous quarter (III/2005)

NAME	Total			Wildlife			Domestic animals			Bats			Human		
	IV 2005 (no.)	III 2005 (no.)	Difference	IV 2005 (no.)	III 2005 (no.)	Difference	IV 2005 (no.)	III 2005 (no.)	Difference	IV 2005 (no.)	III 2005 (no.)	Difference	IV 2005 (no.)	III 2005 (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	257	124	133	191	92	99	66	32	34	0	0	0	0	0	0
BELGIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOSNIA - HERCEGOVINA	15	10	5	13	9	4	2	1	1	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CROATIA	221	123	98	205	116	89	16	7	9	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CZECH REPUBLIC	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
DENMARK	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
ESTONIA	91	70	21	80	56	24	11	14	-3	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GERMANY	6	21	-15	3	5	-2	0	0	0	3	12	-9	0	4	-4
GREECE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNGARY	1	2	-1	1	2	-1	0	0	0	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	145	85	60	118	73	45	27	12	15	0	0	0	0	0	0
LITHUANIA	684	458	226	539	345	194	145	113	32	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	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
NORWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLAND	50	31	19	28	23	5	20	8	12	2	0	2	0	0	0
PORTUGAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANIA	216	40	176	134	28	106	82	12	70	0	0	0	0	0	0
RUSSIAN FEDERATION	525	781	-256	185	289	-104	340	492	-152	0	0	0	0	0	0
SERBIA AND MONTENEGRO	41	9	32	32	8	24	9	1	8	0	0	0	0	0	0
SLOVAK REPUBLIC	9	8	1	9	8	1	0	0	0	0	0	0	0	0	0
SLOVENIA	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TURKEY	45	50	-5	3	1	2	42	49	-7	0	0	0	0	0	0
UNITED KINGDOM	0	1	-1	0	0	0	0	0	0	0	0	0	0	1	-1
UKRAINE	784	495	289	359	203	156	425	290	135	0	2	-2	0	0	0
TOTAL	3093	2310	783	1900	1258	642	1185	1031	154	8	16	-8	0	5	-5

Wildlife: excluding bats

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

Difference: no. of cases in IV /2005 minus cases in III /2005

* no data

4.5.2 Comparison of the reporting quarter (IV/2005) with the same quarter of the previous year (IV/2004)

NAME	Total			Wildlife			Domestic animals			Bats			Human		
	IV 2005 (no.)	IV 2004 (no.)	Difference	IV 2005 (no.)	IV 2004 (no.)	Difference	IV 2005 (no.)	IV 2004 (no.)	Difference	IV 2005 (no.)	IV 2004 (no.)	Difference	IV 2005 (no.)	IV 2004 (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	257	60	197	191	44	147	66	16	50	0	0	0	0	0	0
BELGIUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BOSNIA - HERCEGOVINA	15	10	5	13	7	6	2	3	-1	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CROATIA	221	123	98	205	116	89	16	7	9	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CZECH REPUBLIC	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
DENMARK	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
ESTONIA	91	72	19	80	59	21	11	13	-2	0	0	0	0	0	0
FINLAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GERMANY	6	23	-17	3	19	-16	0	0	0	3	4	-1	0	0	0
GREECE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUNGARY	1	9	-8	1	8	-7	0	1	-1	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	145	90	55	118	70	48	27	20	7	0	0	0	0	0	0
LITHUANIA	684	176	508	539	136	403	145	40	105	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	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0
NORWAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLAND	50	37	13	28	26	2	20	10	10	2	1	1	0	0	0
PORTUGAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROMANIA	216	82	134	134	56	78	82	26	56	0	0	0	0	0	0
RUSSIAN FEDERATION	525	749	-224	185	279	-94	340	463	-123	0	0	0	0	7	-7
SERBIA AND MONTENEGRO	41	51	-10	32	36	-4	9	15	-6	0	0	0	0	0	0
SLOVAK REPUBLIC	9	12	-3	9	12	-3	0	0	0	0	0	0	0	0	0
SLOVENIA	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TURKEY	45	17	28	3	3	0	42	14	28	0	0	0	0	0	0
UNITED KINGDOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UKRAINE	0	411	-411	359	202	157	425	209	216	0	0	0	0	0	0
TOTAL	3093	1923	1170	1900	1073	827	1185	837	348	8	6	2	0	7	-7

Wildlife: excluding bats

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

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

* no data

4.5.3 Comparison of the reporting year (2005) with the previous year (2004)

NAME	Total				Wildlife				Domestic animals				EBLV			Human		
	No. 2005	No. 2004	Difference	in %	No. 2005	No. 2004	Difference	in %	No. 2005	No. 2004	Difference	in %	No. 2005	No. 2004	Difference	No. 2005	No. 2004	Difference
ALBANIA	2	3	-1	66,7	2	1	1	200,0	0	2	-2	0,0	0	0	0	0	0	0
AUSTRIA	0	1	-1	0,0	0	1	-1	0,0	0	0	0	0	0	0	0	0	0	0
BELARUS	591	211	380	280,1	442	135	307	327,4	149	76	73	196,1	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	36	48	-12	75,0	30	34	-4	88,2	6	14	-8	42,9	0	0	0	0	0	0
BULGARIA	8	11	-3	72,7	4	4	0	100,0	4	7	-3	57,1	0	0	0	0	0	0
CROATIA	557	504	53	110,5	525	471	54	111,5	32	33	-1	97,0	0	0	0	0	0	0
CYPRUS	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
CZECH REPUBLIC	1	0	1		0	0	0		0	0	0		1	0	1	0	0	0
DENMARK	2	1	1	200,0	0	0	0		0	0	0		2	1	1	0	0	0
ESTONIA	266	314	-48	84,7	229	254	-25	90,2	37	60	-23	61,7	0	0	0	0	0	0
FINLAND	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
FRANCE	3	7	-4	42,9	0	0	0		0	3	-3	0,0	3	4	-1	0	0	0
GERMANY	63	49	14	128,6	41	33	8	124,2	1	1	0	100,0	17	14	3	4	1	3
GREECE	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
HUNGARY	9	125	-116	7,2	7	111	-104	6,3	2	14	-12	14,3	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	421	443	-22	95,0	353	350	3	100,9	68	93	-25	73,1	0	0	0	0	0	0
LITHUANIA	1652	553	1099	298,7	1312	408	904	321,6	340	145	195	234,5	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
MOLDOVA	*	7	*		*	2			*	5			*	0	*	0	0	0
NETHERLANDS	2	14	-12	14,3	0	0	0		0	0	0		2	14	-12	0	0	0
NORWAY	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
POLAND	138	136	2	101,5	98	103	-5	95,1	36	23	13	156,5	4	10	-6	0	0	0
PORTUGAL	0	0	0		0	0	0		0	0	0		0	0	0	0	0	0
ROMANIA	530	187	343	283,4	354	119	235	297,5	176	68	108	258,8	0	0	0	0	0	0
RUSSIAN FEDERATION	3087	1549	1538	199,3	1306	563	743	232,0	1773	973	800	182,2	4	1	3	4	12	-8
SERBIA A MONTENEGRO	101	210	-109	48,1	84	167	-83	50,3	17	43	-26	39,5	0	0	0	0	0	0
SLOVAK REPUBLIC	50	57	-7	87,7	46	52	-6	88,5	4	5	-1	80,0	0	0	0	0	0	0
SLOVENIA	3	2	1	150,0	3	2	1	150,0	0	0	0		0	0	0	0	0	0
SPAIN	1	1	0	100,0	0	0	0		1	1	0	100,0	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	193	111	82	173,9	11	8	3	137,5	182	103	79	176,7	0	0	0	0	0	0
UNITED KINGDOM	1	1	0	100,0	0	0	0		0	0	0		0	1	-1	1	0	1
UKRAINE	2113	907	1206	233,0	959	425	534	225,6	1152	481	671	239,5	2	1	1	0	0	0
TOTAL	9830	5452	4378	180,3	5806	3243	2563	179,0	3980	2150	1830	185,1	35	46	-11	9	13	-4

Wildlife: excluding bats

No. 2005/ 2004: number of cases in 2005/2004

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

in %: no. of cases in 2005 compared to 2004 in percent

* no data

4.5.4 Comparison of the reporting year (2005) with the previous 10-years average (1995-2004)

NAME	Total				Wildlife				Domestic animals				EBLV			Human			Remarks
	No. 2005	10 yrs av.	Difference	in %	No. 2005	10 yrs av.	Difference	in %	No. 2005	10 yrs av.	Difference	in %	No. 2005	10 yrs av.	Difference	No. 2005	10 yrs av.	Difference	
ALBANIA	2	0,4	1,6	500,0	2	0,3	1,7	666,7	0	0,1	-0,1	0,0	0	0,0	0,0	0	0,0	0,0	
AUSTRIA	0	40,7	-40,7	0,0	0	37,4	-37,4	0,0	0	3,3	-3,3	0,0	0	0,0	0,0	0	0,0	0,0	
BELARUS	591	320,9	270,1	184,2	442	217,7	224,3	203,0	149	103,2	45,8	144,4	0	0,0	0,0	0	0,0	0,0	
BELGIUM	0	32,9	-32,9	0,0	0	21,8	-21,8	0,0	0	11,1	-11,1	0,0	0	0,0	0,0	0	0,0	0,0	
BOSNIA A HERCEGOV	36	54,3	-18,3	66,3	30	43,7	-13,7	68,7	6	10,7	-4,7	56,2	0	0,0	0,0	0	0,0	0,0	since 2001
BULGARIA	8	22,5	-14,5	35,6	4	21,1	-17,1	19,0	4	1,3	2,7	307,7	0	0,0	0,0	0	0,1	-0,1	
CROATIA	557	584,6	-27,6	95,3	525	541,3	-16,3	97,0	32	43,3	-11,3	73,9	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	
CZECH REPUBLIC	1	137,6	-136,6	0,7	0	132,0	-132,0	0,0	0	5,3	-5,3	0,0	1	0,3	0,7	0	0,0	0,0	
DENMARK	2	4,8	-2,8	41,7	0	0,0	0,0		0	0,4	-0,4	0,0	2	4,4	-2,4	0	0,0	0,0	
ESTONIA	266	225,3	40,7	118,1	229	179,8	49,2	127,4	37	45,5	-8,5	81,3	0	0,0	0,0	0	0,0	0,0	
FINLAND	0	0,1	-0,1	0,0		0,0	0,0		0	0,1	-0,1	0,0	0	0,0	0,0	0	0,0	0,0	
FRANCE	3	17,8	-14,8	16,9	0	11,8	-11,8	0,0	0	4,3	-4,3	0,0	3	1,6	1,4	0	0,1	-0,1	
GERMANY	63	297,3	-234,3	21,2	41	242,7	-201,7	16,9	1	46,9	-45,9	2,1	17	7,6	9,4	4	0,1	3,9	
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	
HUNGARY	9	611,9	-602,9	1,5	7	484,2	-477,2	1,4	2	127,4	-125,4	1,6	0	0,1	-0,1	0	0,2	-0,2	
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	
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	
ITALY	0	4,8	-4,8	0,0		4,6	-4,6	0,0	0	0,1	-0,1	0,0	0	0,0	0,0	0	0,1	-0,1	
LATVIA	421	366,3	54,7	114,9	353	291,5	61,5	121,1	68	74,7	-6,7	91,0	0	0,0	0,0	0	0,1	-0,1	
LITHUANIA	1652	458,2	1193,8	360,5	1312	311,0	1001,0	421,9	340	147,0	193,0	231,3	0	0,0	0,0	0	0,2	-0,2	
LUXEMBOURG	0	3,6	-3,6	0,0		2,3	-2,3	0,0	0	1,3	-1,3	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	0,0		0,0	0,0	since 2002
MOLDOVA	0	24,4	-24,4	0,0		11,8	-11,8	0,0		12,7	-12,7	0,0		0,0	0,0		0,0	0,0	since 1995
NETHERLANDS	2	5,8	-3,8	34,5	0	0,1	-0,1	0,0	0	0,0	0,0		2	5,7	-3,7	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	(on Svalbard)
POLAND	138	1744,4	-1606,4	7,9	98	1440,7	-1342,7	6,8	36	299,5	-263,5	12,0	4	4,2	-0,2	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	
ROMANIA	530	92,7	437,3	571,7	354	57,5	296,5	615,7	176	35,1	140,9	501,4	0	0,0	0,0	0	0,1	-0,1	
RUSSIAN FEDERATION	3087	1808,8	1278,2	170,7	1306	641,1	664,9	203,7	1773	1161,2	611,8	152,7	4	0,2	3,8	4	6,3	-2,3	
SERBIA A MONTENEGRO	101	140,4	-39,4	71,9	84	107,2	-23,2	78,4	17	33,2	-16,2	51,2	0	0,0	0,0	0	0,0	0,0	
SLOVAK REPUBLIC	50	5,4	44,6	925,9	46	0,0	46,0		4	4,3	-0,3	93,0	0	1,1	-1,1	0	0,0	0,0	
SLOVENIA	3	322,7	-319,7	0,9	3	263,2	-260,2	1,1	0	59,4	-59,4	0,0	0	0,1	-0,1	0	0,0	0,0	
SPAIN	1	249,1	-248,1	0,4	0	237,0	-237,0	0,0	1	12,1	-11,1	8,3	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	0,0	0,0	0	0,0	0,0	
SWITZERLAND/LIECHTEN.	0	25,7	-25,7	0,0		22,2	-22,2	0,0	0	3,4	-3,4	0,0	0	0,1	-0,1	0	0,0	0,0	
TURKEY	193	183,3	9,7	105,3	11	8,3	2,7	132,5	182	175,0	7,0	104,0	0	0,0	0,0	0	0,0	0,0	
UNITED KINGDOM	1	0,6	0,4	166,7	0	0,0	0,0		0	0,0	0,0		0	0,2	-0,2	1	0,4	0,6	
UKRAINE	2113	1730,3	382,7	122,1	959	739,3	219,7	129,7	1152	988,7	163,3	116,5	2	1,3	0,7	0	1,0	-1,0	since 2001
TOTAL	9830	9517,7	312,3	103,3	5806	6071,6	-265,6	95,6	3980	3410,5	569,5	116,7	35	26,9	8,1	9	8,7	0,3	

No. 2005: number of cases in 2005

in %: no. of cases in 2005 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 1995

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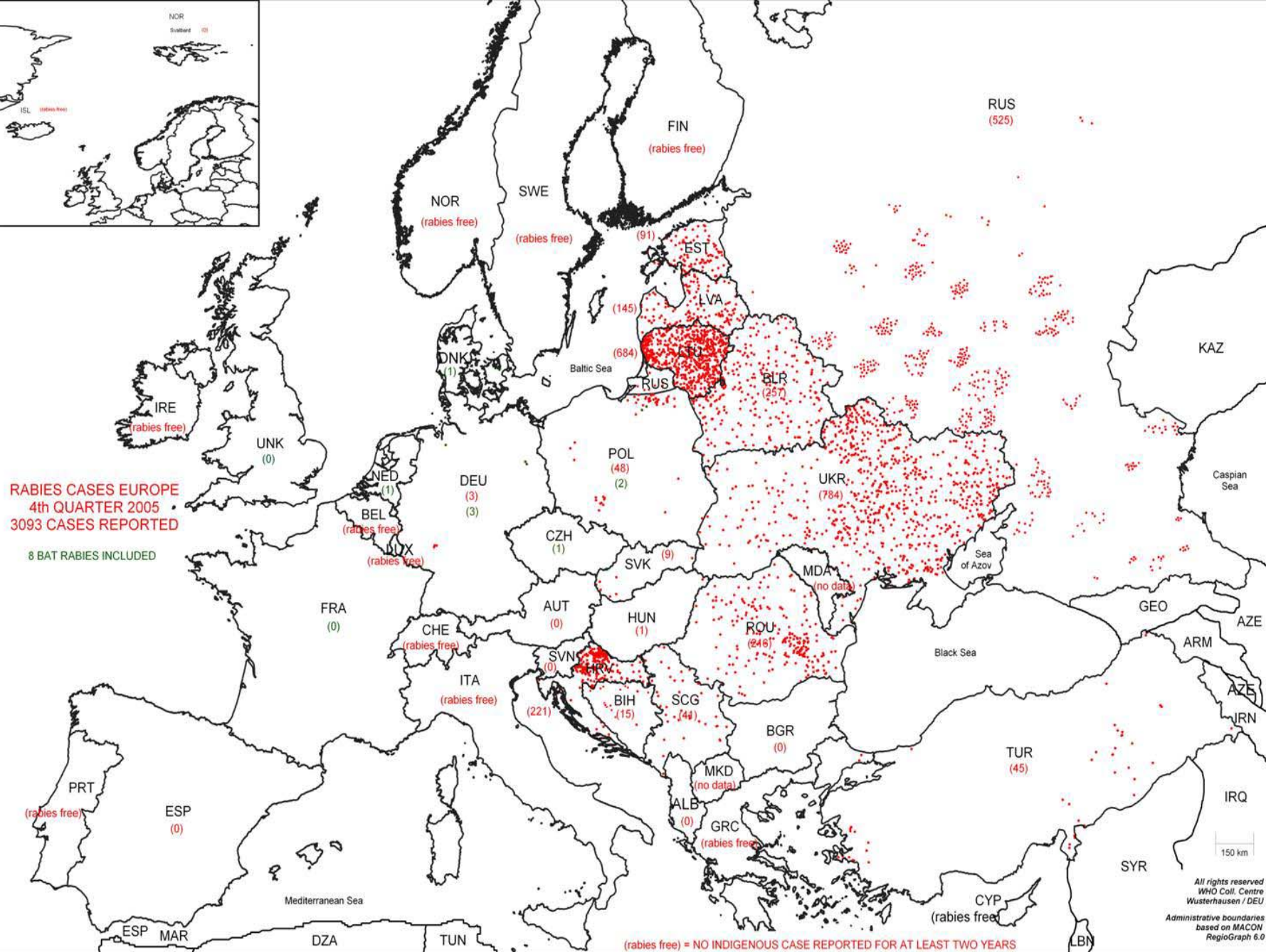
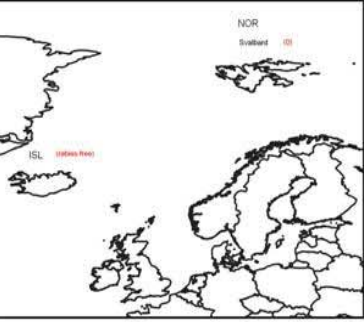
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Please inform the editor about changes
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RABIES CASES EUROPE
4th QUARTER 2005
3093 CASES REPORTED

8 BAT RABIES INCLUDED



(rabies free) = NO INDIGENOUS CASE REPORTED FOR AT LEAST TWO YEARS

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