

RABIES BULLETIN EUROPE

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1. INTRODUCTION

This BULLETIN describes the reported rabies cases in Europe for the **Third Quarter 1996**, subsequently referred to as "*This Quarter*".

In SECTION 2 a summary of the rabies situation in general is given.

SECTION 3 (3.1-3.38) reflects the situation for individual countries. Unfortunately,

not all countries report regularly yet. However, their contribution is expected.

In the Miscellaneous SECTION (4) under 4.1 an article describes a new lyssavirus in fruit bats in Australia.

The rabies case data are tabulated for the **Third Quarter 1996** in SECTION 5. The arrangement of countries fol-

lows practical considerations, not alphabetical ones.

SECTION 6 lists the official contributors to the BULLETIN.

The geographical distribution of rabies cases in Europe for the **Third Quarter 1996** is shown on maps of the Russian Federation, Turkey and Europe in the ANNEX.

2. SUMMARY OF RABIES IN EUROPE

During "*This Quarter*", **1447 rabies cases** were reported in Europe. Of these 971 were in wild animals (67.1% of total), 474 in domestic animals and 2 in humans.

Of the cases in wild animals, 864 were foxes, 32 raccoon dogs, 2 wolves, 1 other fox species, 16 badgers, 10 stone martens, 17 pine martens, 2 polecats, 6 roe deer, 1 red deer, 9 bats, 5 squirrels, 1 hare, 1 small rodent, 1 other wild animal and 3 unspecified animals. Of the 474 domestic animals, 138 were dogs (of which 23 were recorded in Turkey, a country with urban or dog-mediated rabies), 114 cats, 207 bovines, 7 sheep, 2 goats, 5 horses and 1 donkey. These data are summarized in TABLES 5.1 and 5.3. TABLE 5.2 adds up quarters 1 to 3 of 1996.

For the third quarter a seasonal increase of rabies is expected in countries with **fox-mediated rabies**, due to the dispersal of the young foxes born in spring increasing the contact rate in the population. Oral vaccination of foxes, now widely practiced in most of the countries of Europe interferes though with this seasonal pattern. For "*This Quarter*" thus, the total of cases in Europe (1447) amounted to less than the previous quarter (2042, corrected figure for 2/96).

Turkey, the only country with **dog-mediated rabies** in Europe, registered 32 cases, all in domestic animals, 10 cases more than in the previous quarter.

There were 9 **bat rabies** cases recorded, 4 in Germany and 5 in the Netherlands.

Because of the distinct epidemiological features of the disease, the cases are marked in a different colour in the map of the ANNEX.

Two **human cases** were reported from the Russian Federation.

Rabies-free countries in Europe participating in the surveillance were: Finland, Greece, Iceland, Ireland, Norway, Portugal, the mainland and islands of Spain and Sweden.

There were no cases in Denmark, Italy, the Spanish territory in North Africa and the United Kingdom of Britain and Northern Ireland, but the last indigenously acquired case (terrestrial animal or bat) was less than two years ago.

The status of the countries with data supplied irregularly can not be judged.

3. RABIES IN INDIVIDUAL COUNTRIES

3.1 Albania ALB

No data.

3.2 Austria AUT

by Helmut Schnabl

Of 6502 samples examined for rabies during "*This Quarter*" only 2 (0.03%) were diagnosed rabid. In the previous quarter only 1 case was recorded.

The cases occurred in the district Neusiedl/See (federal province of Burgenland) and in the districts of Schwaz (Tyrol).

3.3 Belgium BEL

by L. Hallet

During "*This Quarter*", 5 rabies cases were diagnosed, 4 in foxes and 1 in an equine.

The cases occurred in Chiny (1 fox), Meix-Devant-Virton (1 fox), Vresse-sur-Semois (2 foxes) and Libin (1 horse).

3.4 Bosnia and Hercegovina BIH

No data.

3.5 Bulgaria BUL

During "*This Quarter*", 3 rabies cases were reported from Bulgaria, in the provinces V.Tarnovo, Dobrich and Plovdiv.

3.6 Belarus BYE

by S.N. Shpilevsky

During "*This Quarter*", 20 rabies cases were diagnosed in animals (8 foxes, 1 raccoon dog, 3 dogs, 5 cats, 3 bovines). There were 16 cases in the Vitebsk Region recorded and 2 each in the Gomel and Minsk Regions.

Editors note: As for the previous quarter 7 more cases for June were reported adding up the total for the 2nd quarter 1996 to 17.

3.7 Croatia CRO

by Sanja Šeparović

During "*This Quarter*", 67 cases of animal rabies were diagnosed in 36 municipalities of Croatia. These are 1 case more than in the previous quarter and 2 cases more compared to the third quarter 1995. Of the total 60 (89.6%) were

foxes and 1 badger and 6 were domestic animals (2 dogs, 2 cats, 1 goat, 1 sheep).

A campaign of oral vaccination of foxes against rabies is to be carried out in October 1996 along the border with the Republic of Slovenia. 50,000 vaccine baits are going to be distributed in an approximately 3,000 square kilometres. Affected will be four districts: Istarska, Karlovačka, Primorsko-Goranska and Zagrebačka. All 50,000 vaccine baits are going to be distributed by plane in co-operation with the Veterinary Directorate of Slovenia.

3.8 Czech Republic CZH

by Oldrich Matouch

A total of 46 rabies cases were reported during "*This Quarter*", 4 cases less than in the third quarter of 1995 and 4 cases less than in the second quarter 1996.

All cases were in wild animals (44 foxes and 2 martens).

The majority of the cases recorded came from two foci. The first focus was localized in Central Bohemia, in the district of Benešov (15 cases) and the second one in the districts Č. Lípa (15) and Liberec (6) in North Bohemia.

3.9 Denmark DEN

by Eric Stougaard

The country remained rabies-free in terrestrial animals.

There was no bat rabies case reported during "*This Quarter*".

3.10 Germany, Federal Republic DEU

by Winfried W. Müller and Hartmut Schlüter

A total of 29 rabies cases in animals was reported during "*This Quarter*", 3 cases more than during the previous quarter and 123 cases less than during the third quarter 1995 (152).

There were 4 bat rabies cases recorded in 2 northern states of Germany in Schleswig-Holstein (2) and Niedersachsen (2). 25 cases in terrestrial animals were recorded in 3 states of western Germany: Nordrhein-Westfalen (7), Hessen (15) and Saarland (3).

Oral vaccination programmes have been carried out according to the plans of the federal states (Bundesländer).

3.11 Estonia EST

by Matti Nautras

During "*This Quarter*", 23 animal rabies cases were registered in Estonia, 1 case less than in the previous

quarter. The cases occurred in 11 foxes, 3 raccoon dogs, 1 badger, 3 dogs, 2 cats and 3 bovines.

6 districts out of a total of 15 in the country recorded between 1 and 9 cases.

3.12 Finland FIN

by Bengt Westerling

The country remained rabies-free.

Surveillance: 23 animals (3 foxes, 6 raccoon dogs, 2 dogs, 5 cats, 3 bovines and 4 bats) were examined for rabies during "*This Quarter*" but revealed negative results.

3.13 France FRA

by Michel F.A. Aubert

There were 6 rabies cases (4 foxes, 2 sheep) reported from France during "*This Quarter*". They were located near the northern state border to Belgium and Luxembourg.

3.14 Federal Republic of Yugoslavia FRY

by Tihomir Vrebalov

17 rabies cases (in 12 foxes, 4 dogs and 1 bovine) were registered during "*This Quarter*" in the Federal Republic of Yugoslavia, 6 cases less than in the previous quarter.

11 cases were located in Wojwodina and 6 cases in Serbia.

3.15 Greece GRE

by B. Stylas

The country remained rabies-free.

3.16 Hungary HUN

by Bálint Kerekes

A total of 264 rabies cases in animals was reported during "*This Quarter*", 50 cases (23.4%) more than during the third quarter 1995. Foxes participated of the total with 70.1% (3/95 = 76.2%), cats with 11% (3/95 = 14.5%), dogs with 2.7% (3/95 = 3.7%).

The Komitate (provinces) with the largest number of cases were Borsod-Abanj-Zemplen (north-east), Pest (centre), Somogy (south-west) and Fejer (centre) with 41, 33, 29 and 26 cases respectively.

For October 1996 an oral vaccination campaign of foxes against rabies is planned. While in spring an area of 15,000 km² was vaccinated, in autumn an area of 38,000 km² can be vaccinated. In this way, all parts of the country west of the river Danube are under vaccination (see map).



3.17 Iceland ICE

The country remained rabies-free.

3.18 Ireland IRE

The country remained rabies-free.

3.19 Italy ITA

by Santino Prosperi

During "*This Quarter*", no rabies cases were diagnosed in Italy. Surveillance was carried out in all risk areas.

3.20 Lithuania LTU

by K. Lukauskas and A. Dranseika

During "*This Quarter*", 31 rabies cases were diagnosed in 14 districts. 6 of these districts were along the northern border of the country. The most affected district was Šiauliai with 8 cases, all other districts recorded between 1 and 3 cases.

Of the total cases 22 were in domestic animals (2 dogs, 5 cats, 14 bovines, 1 donkey) and 9 in wild animals (6 foxes, 1 pine marten, 1 raccoon dog, 1 roe deer).

During "*This Quarter*", more than 80,000 dogs were vaccinated against rabies.

No human rabies case was reported during "*This Quarter*".

3.21 Luxembourg LUX

by Joseph Kremer

During "*This Quarter*", 2 rabies cases in a bovine and a fox were recorded, again in the eastern part of the country. Both cases occurred in July.

During the week 23 to 28 September the second oral vaccination campaign of foxes against rabies in 1996 covering the entire country was carried out. 41,000 vaccine baits were distributed by helicopter. A further campaign in the coming year is intended.

Surveillance: 8 foxes, 3 roe deer, 1 stone marten were examined for rabies but revealed negative results.

3.22 Latvia LVA

by J.Rimeicāns, Z. Andersons and A. Dedziņš

A total of 50 rabies cases was registered during "*This Quarter*" in 15 districts, 12 cases less than during the previous quarter.

39 cases were diagnosed in wild animals (78% of total). Of the cases in wild animals 25 were foxes, 8 raccoon dogs, 3 badgers, 2 martens and 1 wolf. Of 11 cases in domestic animals 1 was a dog, 6 cats and 4 bovines. The most affected districts were Saldus and Ogre.

3.23 Moldova MLD

by V. Bahau

Of 17 samples examined for rabies during "*This Quarter*" (5 dogs, 6 cats, 1 fox and 5 others unspecified) 3 were diagnosed rabid.

Of the 3 cases the 1 dog occurred in Kainari district, 1 fox in Teleneshti and 1 rodent in Besarabka districts.

40,204 dogs received an antirabies vaccination.

3.24 Netherlands NET

by G. Visser

The country remained rabies-free in terrestrial animals.

Out of 42 animals (40 bats, 2 dogs) investigated for rabies 5 bats were diagnosed rabid.

The 5 bats originated from 4 coastal provinces of the country: Groningen, Friesland, Noord and Zuid Holland.

3.25 Norway NOR

by Gudbrand Bakken

The country remained rabies-free.

3.26 Poland POL

by Henryk Maciotek

A total of 529 rabies cases was registered in Poland

during "This Quarter", 338 cases less than during the previous quarter, however 154 cases more than during the third quarter 1995.

If the total of the 3 quarters of 1995 (1353 cases) are being compared to the 3 quarters of 1996 (2043 cases) an increase by 51% can be noticed. Contrary to this development the rabies cases decreased in areas where oral vaccination was practiced. In 9 provinces in the western part of the country (Gorzow, Jelenia Gora, Legnica, Szczecin, Walbrych, Zielona Gora, Koszalin, Pila, Slupsk) during the first 3 quarters of 1995 135 rabies cases were recorded, in 1996 only 54 amounting to a decrease of 60%.

3.27 Portugal POR

The country remained rabies-free.

3.28 Romania ROM

by Ion Teveloiu

During "This Quarter", 5 animal rabies cases (1 dog, 2 cats, 1 sheep, 1 wild animal) were reported in Romania.

There was 1 case each in the following provinces: Arad, Bacau, Bihor, Dolj and Vrancea.

3.29 Russia RUS (European part only)

by V.A.Vedernikov, P.N.Pitalev,
V.E.Semljanova, V.V.Seliverstov,
V.F.Pilin, and B.L.Cherkasskiy

During "This Quarter", 225 rabies cases in animals and two human cases were reported. Of the total number of cases in animals 181 were in domestic animals - 69 dogs, 17 cats, 91 bovines, 3 horses, 1 sheep. Of 44 wild animals rabies was diagnosed in 41 foxes, 1 badger, 1 wolf, 1 raccoon dog.

Most affected by the disease were the Republic of Bashkortostan with 43 cases, the Krasnodar Territory with 29 cases and the Volgograd Region with 21 cases.

The 2 human cases were reported in the Moscow Region and in the Samara Region.

3.30 Spain SPA

by Carlos Abellán García

During "This Quarter", the mainland and islands of Spain remained rabies-free.

No case of rabies was reported from the Spanish Territory in North Africa (Ceuta and Melilla).

3.31 Slovak Republic SVK

by Jozef Sokol and Bohuslav Lovas

A total of 63 rabies cases in animals was reported in the Slovak Republic during "This Quarter". Of these were 52 (82.5%) in wild animals (49 foxes, 3 martens) and 11 (17.5%) in domestic animals (4 dogs, 7 cats).

Concentrations of rabies cases were reported from the western and the eastern part of the country. In the central part cases were isolated.

3.32 Slovenia SVN

by Zoran Kovač

A total of 17 rabies cases was recorded during "This Quarter" in Slovenia amounting to a decrease of 34 compared to the previous quarter (51 cases). 13 cases were in foxes, 2 in other wild animals and 2 in dogs.

For October 1996 an oral vaccination campaign is planned. 300,000 vaccine baits are going to be distributed on an area of 20,000 km² covering the whole country.

3.33 Sweden SWE

The country remained rabies-free.

3.34 Switzerland SWI

by Urs Breitenmoser

During "This Quarter", the Swiss Rabies Centre examined a total of 440 animals, of which 0.23% (1) was positive for rabies. In the previous quarter, 0.54% (2 out of 368) and in the third quarter of 1995, 0.40% (2 out of 505) were recorded positive, respectively. The rabid animal from this quarter was a stone marten, originating from the same location as the last fox found positive for rabies in early March 1996. This fox and the stone marten were the only rabid wild animals diagnosed so far in Switzerland in 1996. The other three cases were domestic cats.

13 bats (3 *Pipistrellus pipistrellus*, 1 *Pipistrellus nathusii*, 1 *Plecotus auritus*, 1 *Nyctalus leisleri*, 1 *Myotis myotis*, 4 *Myotis mystacinus*, 1 *Myotis blythi*) were received for rabies diagnosis during this quarter. All were negative for rabies.

One person was treated against rabies after she was bitten by the stone marten mentioned. The number of people treated for non-bite exposures is not recorded.

3.35 Turkey TUR

by Mehmet Alkan

From only 3 provinces (II) -Istanbul (30), Izmir (1) and Kastamonu (1)- 32 cases of

rabies in domestic animals (23 dogs, 2 cats, 6 bovines, 1 sheep) were reported in Turkey during "This Quarter".

3.36 Macedonia TYM

The country remained rabies-free.

3.37 Ukraine UKR

No data.

3.38 United Kingdom UNK

by W.J. Pollitt

The country remained rabies-free in terrestrial animals.

There was no bat rabies case reported.

4. MISCELLANEOUS ARTICLES

4.1 New Lyssavirus in Fruit Bats in Australia

by W.W. Müller

WHO Collaborating Centre for Rabies Surveillance and Research
at the Federal Research Centre for Virus Diseases of Animals,
P.O. Box 1149, D-72001 Tübingen, FRG

In May 1996, a sick black flying fox (*Pteropus alecto*) had been found on a roadside in suburban Ballina in northern coastal New South Wales in Australia. The fruit bat was unable to fly and exhibited a mild tremor. A 'bat carer' took the animal to the NSW Wollongbar regional veterinary laboratory where an autopsy was performed. The post-mortem findings showed a severe, diffuse, nonsuppurative encephalitis, which was consistent with the clinical signs. Tissues and blood were submitted to the Australian Animal Health Laboratory in Geelong for rabies diagnosis.

Immunoperoxidase testing was positive for lyssavirus; the fluorescent antibody test was also positive. Electron microscopy showed viral inclusion bodies in neurons. Virus-like structures strongly indicated a rhabdovirus infection, although classical 'bullet shaped' particles were not seen, probably due to the fixation used. A serum neutralization test on the bat's blood was negative. If this is due to the lyssavirus serotype 1 used in the

test or the animal did not develop antibodies remains unanswered.

In September 1996 a second fruit bat, from Townsville (Queensland), was investigated. The reactivity in this fruit bat's brain was identical to the one from New South Wales. During this time a collaborative investigation was initiated with the Centers for Disease Control, Atlanta, United States of America, for identification and characterization of the virus which was then called the pteropid bat virus (PBV).

The brain suspension was prepared for murine neuroblastoma and suckling mouse inoculation and RNA was extracted for genetic studies. The pteropid bat virus isolate produced typical signs of an acute encephalitis within 2-3 weeks following intracerebral or intramuscular inoculation of laboratory rodents. The PBV antigens in acetone-fixed cell culture and rodent brain tissues cross-reacted with commercial polyclonal and monoclonal reagents commonly used for routine rabies virus diagnosis in

the United States. Both immunofluorescent and immunohistochemical assays detected typical lyssaviral inclusions in formalin fixed preparations of animal brain tissue. Sequence and monoclonal antibody analysis indicated that the PBV had clear taxonomic affinities to the genus *Lyssavirus*. While the PBV appears unique compared to all other lyssaviruses examined to date, it was more closely aligned to the type species of the genus, rabies virus, than all other previously characterized lyssaviruses. *In situ* detection of the PBV N gene mRNA using a probe for rabies virus mRNA was positive. Current lots of human rabies immunoglobulin neutralized the PBV at levels comparable to that observed for rabies virus. Human sera obtained from individuals immunized with licensed human rabies vaccines neutralized the PBV to a similar extent as rabies virus, unlike the result obtained for a distant lyssavirus, Mokola. Similarly, laboratory rodents vaccinated with reference, commercial human and veterinary rabies vaccines, as well as a

recombinant vaccinia-rabies glycoprotein vaccine, were completely protected against intracerebral challenge with the PBV, unlike Mokola virus. Taken together, these data strongly suggest that current diagnostic reagents will detect, and human and animal rabies vaccines will offer adequate prophylaxis, against this new lyssavirus, whose larger public health and veterinary significance remain to be determined.

In October and November 1996 lyssavirus could also be diagnosed in a different flying fox species, the little red flying fox (*Pteropus scapula*

tus). The isolates obtained derived from animals along the 1700 km coastal strip from New South Wales to Queensland. And, a retrospective study of a bat autopsied in 1995 sourced from New South Wales demonstrated the presence of PBV lyssavirus in tissues as well.

In November 1996, a 39-year-old woman who had recently become a bat handler become ill with numbness and weakness in her left arm, progressing to coma and death from encephalitis in 20 days. She was diagnosed as being infected with the PBV by PCR

analysis of her CSF and by the appearance of significant amounts of neutralizing antibody to rabies virus in her serum.

There is no evidence of spread of this rabies-like virus in humans or terrestrial animals, but at this time Australian authorities have recommended rabies vaccination for high risk occupational groups such as bat carers, veterinarians, etc. For individuals who have been scratched or bitten by bats, post exposure prophylaxis involving vaccination and immune globulin may be recommended depending on the circumstance.

Sources of information:

1. *Disease Information to OIE, Paris, provided by Dr.G. Murray, Chief Veterinary Officer, Department of Primary Industries and Energy, Canberra, Australia - faxes of 2 July, 11 September and 8 November 1996; and two abstracts of papers given at the VIIth Annual International Conference on Research Advances and Rabies Control in the Americas, Atlanta, GA, December 9-13, 1996:*
2. *Pteropid bat lyssavirus: A virus associated with encephalitis in flying foxes and one human. R. Lunt, A. Gould, L. Gleeson, P. Hooper, A. Hyatt, P. Daniels, T. Allworth*, and K. Murray. CSIRO, Division of Animal Health, Australian Animal Health Laboratory; *Infectious Disease Unit, Royal Brisbane Hospital, Queensland.*
3. *Preliminary Analysis of a new lyssavirus isolated from an Australian fruit bat. C.E.Rupprecht, J.S. Smith, P.A. Yager, L.A. Orciari, J.S. Shaddock, D. Sanderlin, M. Niezgod, S. Whitfield, H. Shoemake, C.K. Warner, L. Gleeson¹, and K. Murray¹. Centers for Disease Control & Prevention, Atlanta, GA, USA; ¹CSIRO, Division of Animal Health, Australian Animal Health Laboratory, Geelong, Victoria, Australia.*

**Rabies Case Data from Europe
are tabulated on the following pages
of Section 5**

TABLE 5.1

EUR		EUROPE		3/96		RABIES CASES							1. 7.96 - 30. 9.96				
LOCATION		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL		
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL	
ALB	ALBANIA	**						0						0	0		
AUT	AUSTRIA							0	2	-	-	-	-	2	2		
BEL	BELGIUM		-	-	1	-	-	1	4	-	-	-	-	4	5		
BIH	BOSNA I HERCEGOWI	**						0						0	0		
BUL	BULGARIA	1)						0					3	3	3		
BYE	BELARUS		3	5	3	-	-	11	8	-	-	-	1	9	20		
CRO	CROATIA		2	2	-	-	-	6	60	1	-	-	-	61	67		
CZH	CZECH REPUBLIC							0	44	-	2	-	-	46	46		
DEN	DENMARK	*						0						0	0		
DEU	FED.REP. OF GERMANY		-	-	5	1	-	6	18	-	-	1	4	23	29		
EST	ESTONIA		3	2	3	-	-	8	11	1	-	-	3	15	23		
FIN	FINLAND	*						0						0	0		
FRA	FRANCE		-	-	-	-	2	2	4	-	-	-	-	4	6		
FRY	FED.REP. OF YUGOSLAVI		4	-	1	-	-	5	12	-	-	-	-	12	17		
GRE	GREECE	*						0						0	0		
HUN	HUNGARY		7	29	35	-	2	73	185	1	3	2	-	191	264		
ICE	ICELAND	*						0						0	0		
IRE	IRELAND	**						0						0	0		
ITA	ITALY	*						0						0	0		
LTU	LITHUANIA		2	5	14	-	-	22	6	-	1	1	1	9	31		
LUX	LUXEMBOURG		-	-	1	-	-	1	1	-	-	-	-	1	2		
LVA	LATVIA		1	6	4	-	-	11	25	3	2	-	9	39	50		
MLD	MOLDOVA		1	-	-	-	-	1	1	-	-	-	1	2	3		
NET	NETHERLANDS							0	-	-	-	-	5	5	5		
NOR	NORWAY	*						0						0	0		
POL	POLAND		16	37	44	-	-	97	380	9	16	3	24	432	529		
POR	PORTUGAL	*						0						0	0		
ROM	ROMANIA		1	2	-	-	1	4	-	-	-	-	1	1	5		
RUS	RUSSIAN FEDERATION		69	17	91	3	1	181	41	1	-	-	2	44	227		
SPA	SPAIN	*						0						0	0		
SVK	SLOVAK REPUBLIC		4	7	-	-	-	11	49	-	3	-	-	52	63		
SVN	SLOVENIA		2	-	-	-	-	2	13	-	1	-	1	15	17		
SWE	SWEDEN	*						0						0	0		
SWI	SWITZERLAND + LIECHT							0	-	-	1	-	-	1	1		
TUR	TURKEY		23	2	6	-	1	32						0	32		
TYM	MAKEDONIJA	**						0						0	0		
UKR	UKRAINE	**						0						0	0		
UNK	UNITED KINGDOM	*						0						0	0		
TOTAL			138	114	207	5	9	1	474	864	16	29	7	55	971	2	1447
PER CENT			9.5	7.9	14.3	0.3	0.6	0.1	32.8	59.7	1.1	2.0	0.5	3.8	67.1	0.1	100.0

* NO CASES ** NO DATA 1) UNSPECIFIED

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TABLE 5.2

EUR		EUROPE		1-3/96		RABIES CASES							1. 1.96 - 30.09.96			
LOCATION		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
ALB	ALBANIA	**						0						0	0	
AUT	AUSTRIA							0	11	-	-	1	-	12	12	
BEL	BELGIUM		1	5	3	1	-	11	24	1	-	-	-	25	36	
BIH	BOSNA I HERCEGOWI**							0						0	0	
BUL	BULGARIA	1)						0	-	-	-	-	17	17	17	
BYE	BELARUS		8	4	-	-	-	21	18	-	-	-	10	28	49	
CRO	CROATIA		10	2	-	6	1	26	325	1	4	-	7	337	363	
CZH	CZECH REPUBLIC		-	2	-	-	-	2	154	-	5	1	-	160	162	
DEN	DENMARK	*						0						0	0	
DEU	FED.REP. OF GER. 2)		1	12	2	8	-	27	80	-	1	3	8	92	120	
EST	ESTONIA		10	4	-	1	-	23	36	1	-	-	10	47	70	
FIN	FINLAND	*						0						0	0	
FRA	FRANCE		-	1	-	4	-	7	8	-	-	-	-	8	15	
FRY	FED.REP. OF YUGOSLAVI		6	1	1	3	-	16	48	-	-	-	-	48	64	
GRE	GREECE	*						0						0	0	
HUN	HUNGARY		54	52	1	5	1	203	875	1	6	10	2	894	1097	
ICE	ICELAND	*						0						0	0	
IRE	IRELAND	*						0						0	0	
ITA	ITALY	3)						0						0	1	
LTU	LITHUANIA		7	17	-	-	1	35	14	-	4	1	5	24	59	
LUX	LUXEMBOURG		-	4	-	2	-	6	10	-	-	1	-	11	17	
LVA	LATVIA		7	4	-	-	-	24	89	4	2	-	27	122	146	
MLD	MOLDOVA		2	-	-	-	-	3	2	-	-	-	1	3	6	
NET	NETHERLANDS							0	-	-	-	-	5	5	5	
NOR	NORWAY	*						0						0	0	
POL	POLAND		139	73	-	-	1	353	1469	24	58	59	80	1690	2043	
POR	PORTUGAL	*						0						0	0	
ROM	ROMANIA		6	4	2	1	-	18	7	-	-	-	1	8	26	
RUS	RUSSIAN FEDERATION		391	480	65	89	4	1104	265	3	1	34	19	322	1430	
SPA	SPAIN	*						0						0	0	
SVK	SLOVAK REPUBLIC		20	1	-	-	-	43	186	-	7	1	4	198	241	
SVN	SLOVENIA		11	1	-	-	-	24	197	1	5	4	2	209	233	
SWE	SWEDEN	*						0						0	0	
SWI	SWITZERLAND + LIECHT		-	-	-	-	-	3	1	-	1	-	-	2	5	
TUR	TURKEY		82	12	-	4	-	102						0	102	
TYM	MAKEDONIJA	**						0						0	0	
UKR	UKRAINE	**						0						0	0	
UNK	UNITED KINGDOM							0	-	-	-	-	1	1	1	
TOTAL			755	677	74	124	8	2051	3819	36	94	115	199	4263	6	6320
PER CENT			11.9	10.7	1.2	2.0	0.1	32.5	60.4	0.6	1.5	1.8	3.1	67.5	0.1	100.0

* NO CASES ** NO DATA 1) UNSPECIFIED 2) HUMAN CASE IMPORTED FROM SRI LANKA 3) HUMAN CASE IMPORTED FROM NEPAL

TABLE 5.3

EUR EUROPE 3/96		RABIES CASES 'OTHER ANIMAL SPECIES'								1. 7.96 - 30. 9.96		
LOCATION		OTHER DOMESTIC ANIMALS		OTHER WILD ANIMALS						UNSPECIFIED	TOTAL	
CODE	NAME	DONKEY	OTH. FOX SPECIES	WOLF	RACCOON DOG	INSECTIV. BATS	SQUIRREL	OTH. SMALL RODEN	HARE			OTHERS
BUL	BULGARIA	-	-	-	-	-	-	-	-	-	3	3
BYE	BELARUS	-	-	-	1	-	-	-	-	-	-	1
DEU	FED.REP. OF GERMANY	-	-	-	-	4	-	-	-	-	-	4
EST	ESTONIA	-	-	-	3	-	-	-	-	-	-	3
LTU	LITHUANIA	1	-	-	1	-	-	-	-	-	-	2
LVA	LATVIA	-	-	1	8	-	-	-	-	-	-	9
MLD	MOLDOVA	-	-	-	-	-	-	1	-	-	-	1
NET	NETHERLANDS	-	-	-	-	5	-	-	-	-	-	5
POL	POLAND	-	-	-	18	-	5	-	1	-	-	24
ROM	ROMANIA	-	-	-	-	-	-	-	-	1	-	1
RUS	RUSSIAN FEDERATION	-	-	1	1	-	-	-	-	-	-	2
SVN	SLOVENIA	-	1	-	-	-	-	-	-	-	-	1
TOTAL		1	1	2	32	9	5	1	1	1	3	56
PER CENT		1.8	1.8	3.6	57.1	16.1	8.9	1.8	1.8	1.8	5.4	100.0

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RABIES CASES																1. 7.96 - 30. 9.96	
LOCATION		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL		
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL	
AUT AUSTRIA																	
107	NEUSIEDL AM SEE							0	1	-	-	-	-	1		1	
709	SCHWAZ							0	1	-	-	-	-	1		1	
TOTAL		0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	
PER CENT		0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	100.0	
BEL BELGIUM																	
LX	LUXEMBOURG	-	-	-	1	-	-	1	2	-	-	-	-	2		3	
NA	NAMUR							0	2	-	-	-	-	2		2	
TOTAL		0	0	0	1	0	0	1	4	0	0	0	0	4	0	5	
PER CENT		0.0	0.0	0.0	20.0	0.0	0.0	20.0	80.0	0.0	0.0	0.0	0.0	80.0	0.0	100.0	
DEU FEDERAL REPUBLIC OF GERMANY																	
01	SCHLESWIG-HOLSTEIN							0	-	-	-	-	2	2		2	
03	NIEDERSACHSEN							0	-	-	-	-	2	2		2	
05	NORDRHEIN-WESTFALEN	-	-	4	-	-	-	4	3	-	-	-	-	3		7	
06	HESSEN	-	-	1	-	-	-	1	13	-	-	1	-	14		15	
10	SAARLAND	-	-	-	1	-	-	1	2	-	-	-	-	2		3	
TOTAL		0	0	5	1	0	0	6	18	0	0	1	4	23	0	29	
PER CENT		0.0	0.0	17.2	3.4	0.0	0.0	20.7	62.1	0.0	0.0	3.4	13.8	79.3	0.0	100.0	
FRA FRANCE																	
08	ARDENNES	-	-	-	-	2	-	2	2	-	-	-	-	2		4	
55	MEUSE							0	1	-	-	-	-	1		1	
57	MOSELLE							0	1	-	-	-	-	1		1	
TOTAL		0	0	0	0	2	0	2	4	0	0	0	0	4	0	6	
PER CENT		0.0	0.0	0.0	0.0	33.3	0.0	33.3	66.7	0.0	0.0	0.0	0.0	66.7	0.0	100.0	

R A B I E S C A S E S															1. 7.96 - 30. 9.96	
LOCATION CODE NAME		D O M E S T I C A N I M A L S						W I L D A N I M A L S						HUMAN CASES	TOTAL	
		DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
BUL B U L G A R I A																
04 V.TARNOVO								0	-	-	-	-	1	1		1
08 DOBRICH								0	-	-	-	-	1	1		1
16 PLOVDIV								0	-	-	-	-	1	1		1
TOTAL								0	0	0	0	0	3	3	0	3
PER CENT								0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	100.0
FRY F E D . R E P . O F Y U G O S L A V I A																
60 SR SRBIJA				1	-	-	-	1	5	-	-	-	-	5		6
61 SAP VOJVODINA				-	-	-	-	4	7	-	-	-	-	7		11
TOTAL				1	0	0	0	5	12	0	0	0	0	12	0	17
PER CENT				5.9	0.0	0.0	0.0	29.4	70.6	0.0	0.0	0.0	0.0	70.6	0.0	100.0
ROM R O M A N I A																
02 ARAD								0	-	-	-	-	1	1		1
04 BACAU						1	-	1					0	0		1
05 BIHOR				1	-	-	-	1					0	0		1
17 DOLJ				1	-	-	-	1					0	0		1
40 VRANCEA				-	-	-	-	1					0	0		1
TOTAL				0	0	1	0	4	0	0	0	0	1	1	0	5
PER CENT				0.0	0.0	20.0	0.0	80.0	0.0	0.0	0.0	0.0	20.0	20.0	0.0	100.0
TUR T U R K E Y																
34 ISTANBUL				6	-	1	-	30					0	0		30
35 IZMIR				-	-	-	-	1					0	0		1
37 KASTAMONU				-	-	-	-	1					0	0		1
TOTAL				6	0	1	0	32	0	0	0	0	0	0	0	32
PER CENT				18.8	0.0	3.1	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

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R A B I E S C A S E S																1. 7.96 - 30. 9.96	
LOCATION		D O M E S T I C A N I M A L S						W I L D A N I M A L S						HUMAN CASES	TOTAL		
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL	
BYE B E L A R U S																	
	02 Vitebsk Region	2	5	3	-	-	-	10	5	-	-	-	1	6	16		
	03 GomeI Region	1	-	-	-	-	-	1	1	-	-	-	-	1	2		
	05 Minsk Region							0	2	-	-	-	-	2	2		
	TOTAL	3	5	3	0	0	0	11	8	0	0	0	1	9	0	20	
	PER CENT	15.0	25.0	15.0	0.0	0.0	0.0	55.0	40.0	0.0	0.0	0.0	5.0	45.0	0.0	100.0	
LTU L I T H U A N I A																	
	36 Birzu	-	-	2	-	-	-	2						0	2		
	47 Joniskio							0	1	-	-	-	-	1	1		
	54 Kelmes		1	-	-	-	-	1	1	-	-	-	-	1	2		
	56 Kretdingos		-	2	-	-	-	2						0	2		
	57 Kupiskio							0	1	-	-	-	-	1	1		
	61 Mazeikiu			1	-	-	-	1						0	1		
	65 Pakruojo		1	-	-	-	-	1	2	-	-	-	-	2	3		
	71 Radviliskio		1	1	-	-	-	2						0	2		
	75 Skuodo	1	-	-	-	-	-	1						0	1		
	84 Sakiu			3	-	-	-	3						0	3		
	87 Silales	1	-	-	-	-	-	1						0	1		
	88 Silutes							0	-	-		1	-	1	1		
	91 Siauliu		2	2	-	-	1	5	1	-	1	-	1	3	8		
	94 Jurbarko			3	-	-	-	3						0	3		
	TOTAL	2	5	14	0	0	1	22	6	0	1	1	1	9	0	31	
	PER CENT	6.5	16.1	45.2	0.0	0.0	3.2	71.0	19.4	0.0	3.2	3.2	3.2	29.0	0.0	100.0	

RABIES CASES

1. 7.96 - 30. 9.96

LOCATION CODE NAME		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL
		DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS		
CZH CZECH REPUBLIC															
01	CENTRAL BOHEMIA						0	16	-	1	-	-	17		17
02	SOUTH BOHEMIA						0	4	-	-	-	-	4		4
04	NORTH BOHEMIA						0	21	-	1	-	-	22		22
06	SOUTH MORAVIA						0	2	-	-	-	-	2		2
07	NORTH MORAVIA						0	1	-	-	-	-	1		1
TOTAL		0	0	0	0	0	0	44	0	2	0	0	46	0	46
PER CENT		0.0	0.0	0.0	0.0	0.0	0.0	95.7	0.0	4.3	0.0	0.0	100.0	0.0	100.0
SVK SLOVAK REPUBLIC															
10	DISTRICT OF BRATISLAV						0	1	-	-	-	-	1		1
11	WEST SLOVAKIA						0	26	-	2	-	-	28		28
12	CENTRAL SLOVAKIA						0	5	-	-	-	-	5		5
13	EAST SLOVAKIA	4	7	-	-	-	11	17	-	1	-	-	18		29
TOTAL		4	7	0	0	0	11	49	0	3	0	0	52	0	63
PER CENT		6.3	11.1	0.0	0.0	0.0	17.5	77.8	0.0	4.8	0.0	0.0	82.5	0.0	100.0
SVN SLOVENIA															
011	CELJE						0	1	-	-	-	-	1		1
032	GROSUPLJE						0	1	-	-	-	-	1		1
034	HRASTNIK						0	1	-	-	-	-	1		1
048	KOCEVJE	1	-	-	-	-	1	1	-	-	-	1	2		3
054	KRSKO	1	-	-	-	-	1		-	-	-	-	0		1
080	MURSKA SOBOTA						0	2	-	-	-	-	2		2
085	NOVO MESTO						0	1	-	-	-	-	1		1
094	POSTOJNA						0	1	-	-	-	-	1		1
128	TOLMIN						0	1	-	1	-	-	2		2
145	ZALEC						0	4	-	-	-	-	4		4
TOTAL		2	0	0	0	0	2	13	0	1	0	1	15	0	17
PER CENT		11.8	0.0	0.0	0.0	0.0	11.8	76.5	0.0	5.9	0.0	5.9	88.2	0.0	100.0

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CRO CROATIA		RABIES CASES												1. 7.96 - 30. 9.96		
LOCATION		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL	
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
017	DONJI MIHOLJAC	1	-	-	-	-	-	1						0		1
018	DRNIS							0	2	-	-	-	-	2		2
019	DUBROVNIK	-	-	-	-	1	-	1						0		1
024	DURDEVAC	-	1	-	-	-	-	1	3	-	-	-	-	3		4
033	IVANIC GRAD							0	2	-	-	-	-	2		2
034	JASTREBARSKO							0	4	-	-	-	-	4		4
036	KARLOVAC							0	2	-	-	-	-	2		2
040	KOPRIVNICA							0	1	-	-	-	-	1		1
043	KRAPINA							0	1	-	-	-	-	1		1
046	KUTINA	-	-	-	-	1	-	1	1	-	-	-	-	1		2
050	MAKARSKA							0	2	-	-	-	-	2		2
052	NASICE							0	1	-	-	-	-	1		1
053	NOVA GRADISKA							0	3	-	-	-	-	3		3
057	OGULIN							0	1	-	-	-	-	1		1
060	ORAHOVICA							0	2	-	-	-	-	2		2
065	PAKRAC	-	1	-	-	-	-	1	2	-	-	-	-	2		3
066	PAZIN							0	1	-	-	-	-	1		1
069	POREC							0	1	-	-	-	-	1		1
071	PULA							0	4	-	-	-	-	4		4
073	RIJEKA							0	4	-	-	-	-	4		4
074	ROVINJ							0	1	-	-	-	-	1		1
075	SENJ							0	2	-	-	-	-	2		2
076	SINJ							0	2	-	-	-	-	2		2
077	SISAK	1	-	-	-	-	-	1						0		1
079	SLAVONSKI BROD							0	3	-	-	-	-	3		3
080	SLUNJ							0	1	-	-	-	-	1		1
081	SOLIN							0	1	-	-	-	-	1		1
082	SPLIT							0	1	-	-	-	-	1		1
083	SIBENIK							0	1	-	-	-	-	1		1
086	VALPOVO							0	1	-	-	-	-	1		1
087	VARAZDIN							0	1	-	-	-	-	1		1
088	VINKOVCI							0	3	-	-	-	-	3		3
089	VIROVITICA							0	3	-	-	-	-	3		3
093	VRBOVSKO							0	1	-	-	-	-	1		1
100	ZLATAR BISTRICA							0	-	1	-	-	-	1		1
102	GRAD ZAGREB							0	2	-	-	-	-	2		2
TOTAL		2	2	0	0	2	0	6	60	1	0	0	0	61	0	67
PER CENT		3.0	3.0	0.0	0.0	3.0	0.0	9.0	89.6	1.5	0.0	0.0	0.0	91.0	0.0	100.0

RABIES CASES															1. 7.96 - 30. 9.96	
LOCATION CODE NAME		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL	
		DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
EST ESTONIA																
01	Harjuma	1	-	-	-	-	-	1	1	-	-	-	-	1	2	3
05	Jaervama	-	-	-	-	-	-	0	4	-	-	-	-	4	4	4
08	Polvama	1	-	-	-	-	-	1	1	-	-	-	-	1	2	2
10	Raplama	-	1	2	-	-	-	3	1	-	-	-	-	1	4	4
12	Tartuma	-	-	-	-	-	-	0	1	-	-	-	-	1	1	1
14	Viljandima	1	1	1	-	-	-	3	3	1	-	-	2	6	9	9
TOTAL		3	2	3	0	0	0	8	11	1	0	0	3	15	0	23
PER CENT		13.0	8.7	13.0	0.0	0.0	0.0	34.8	47.8	4.3	0.0	0.0	13.0	65.2	0.0	100.0
LVA LATVIA																
04	Bauska	-	-	-	-	-	-	0	2	-	-	-	-	2	2	2
08	Gulbene	-	1	-	-	-	-	1	1	-	-	-	-	1	2	3
10	Jelgava	-	-	1	-	-	-	1	1	-	-	-	-	1	2	3
11	Kraslava	-	1	-	-	-	-	1	2	-	-	-	1	3	4	4
12	Kuldige	-	-	1	-	-	-	1	1	-	-	-	-	1	1	1
13	Liepaja	-	2	2	-	-	-	4	3	-	-	-	-	3	3	3
16	Madona	-	-	-	-	-	-	0	3	3	-	-	-	7	7	7
17	Ogre	-	-	-	-	-	-	0	1	-	-	-	1	1	1	1
19	Rezekne	-	-	-	-	-	-	0	1	-	-	-	1	2	2	2
20	Riga	-	-	-	-	-	-	0	1	-	-	-	1	2	2	2
21	Saldus	-	1	-	-	-	-	1	6	-	1	-	2	9	10	10
22	Talsi	1	-	-	-	-	-	1	-	-	-	-	1	1	1	1
23	Tukums	-	-	-	-	-	-	0	3	-	-	-	1	4	4	4
25	Valmiera	-	1	-	-	-	-	1	-	-	-	-	0	1	1	1
26	Ventspils	-	-	-	-	-	-	0	1	-	1	-	1	3	3	3
TOTAL		1	6	4	0	0	0	11	25	3	2	0	9	39	0	50
PER CENT		2.0	12.0	8.0	0.0	0.0	0.0	22.0	50.0	6.0	4.0	0.0	18.0	78.0	0.0	100.0

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R A B I E S C A S E S																1. 7.96 - 30. 9.96	
LOCATION		D O M E S T I C A N I M A L S						W I L D A N I M A L S						HUMAN CASES	TOTAL		
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL	
HUN																H U N G A R Y	
01	BUDAPEST	-	-	-	-	-	-	0	3	-	-	-	-	3	3		
02	BARANYA	-	1	-	-	-	-	1	10	-	-	1	-	11	12		
03	BACS-KISKUN	-	2	2	-	-	-	4	10	-	-	1	-	11	15		
04	BEKES	-	1	-	-	-	-	1	10	-	-	-	-	10	11		
05	BORSOD-ABAUJ-ZEMPLEN	1	1	19	-	-	-	21	20	-	-	-	-	20	41		
06	CSONGRAD	-	2	-	-	-	-	2	9	-	-	-	-	9	11		
07	FEJER	1	1	1	-	-	-	3	21	-	2	-	-	23	26		
08	GYOER-SOPRON	-	1	-	-	-	-	1	1	-	-	-	-	1	2		
09	HAJDU-BIHAR	-	-	2	-	-	-	2	5	1	-	-	-	6	8		
10	HEVES	-	1	-	-	-	-	1	5	-	-	-	-	5	6		
11	KOMAROM	-	3	-	-	1	-	4	9	-	-	-	-	9	13		
12	NOGRAD	-	-	-	-	-	-	0	7	-	-	-	-	7	7		
13	PEST	1	4	1	-	-	-	6	27	-	-	-	-	27	33		
14	SOMOgy	1	7	5	-	1	-	14	15	-	-	-	-	15	29		
15	SZABOLCS-SZAT	2	2	-	-	-	-	4	4	-	-	-	-	4	8		
16	SZOLNOK	1	-	2	-	-	-	3	2	-	-	-	-	2	5		
17	TOLNA	-	-	2	-	-	-	2	13	-	-	-	-	13	15		
19	VESZPREM	-	2	1	-	-	-	3	7	-	1	-	-	8	11		
20	ZALA	-	1	-	-	-	-	1	7	-	-	-	-	7	8		
TOTAL		7	29	35	0	2	0	73	185	1	3	2	0	191	0	264	
PER CENT		2.7	11.0	13.3	0.0	0.8	0.0	27.7	70.1	0.4	1.1	0.8	0.0	72.3	0.0	100.0	
MLD																M O L D O V A	
01	MOLDOVA	1	-	-	-	-	-	1	1	-	-	-	1	2	3		
TOTAL		1	0	0	0	0	0	1	1	0	0	0	1	2	0	3	

R A B I E S C A S E S																1. 7.96 - 30. 9.96	
LOCATION		D O M E S T I C A N I M A L S						W I L D A N I M A L S						HUMAN CASES	TOTAL		
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL	
LUX																L U X E M B O U R G	
04	LUXEMBOURG-CAMPAGNE	-	-	1	-	-	-	0	1	-	-	-	-	1		1	
13	REMICH	-	-					1						0		1	
TOTAL		0	0	1	0	0	0	1	1	0	0	0	0	1	0	2	
PER CENT		0.0	0.0	50.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	50.0	0.0	100.0	
NET																N E T H E R L A N D S	
02	FRIESLAND							0	-	-	-	-	2	2		2	
04	GRONINGEN							0	-	-	-	-	1	1		1	
07	NOORD-HOLLAND							0	-	-	-	-	1	1		1	
10	ZUID-HOLLAND							0	-	-	-	-	1	1		1	
TOTAL		0	0	0	0	0	0	0	0	0	0	0	5	5	0	5	
PER CENT		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	100.0	
SWI																S W I T Z E R L A N D A N D L I E C H T E N S T E I N	
05	BASEL-LAND							0	-	-	1	-	-	1		1	
TOTAL		0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	

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POL POLAND		RABIES CASES											1. 7.96 - 30. 9.96			
LOCATION CODE NAME		DOMESTIC ANIMALS						WILD ANIMALS						HUMAN CASES	TOTAL	
		DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL
01	WARSZAWA	1	1	-	-	-	-	2	21	-	1	-	-	22	-	24
05	BIALYSTOK	-	-	1	-	-	-	1	17	-	-	-	1	18	-	19
07	BIELSKO-BIALA	-	1	-	-	-	-	1	-	-	-	-	0	1	-	1
09	BYDGOSZCZ	-	-	-	-	-	-	0	4	-	-	-	-	5	-	5
11	CHELM	-	-	-	-	-	-	0	3	-	-	-	-	3	-	3
13	CIECHANOW	1	-	-	-	-	-	1	5	-	1	1	-	7	-	8
15	CZESTOCHOWA	-	2	1	-	-	-	3	5	-	-	-	-	5	-	8
17	ELBLAG	-	5	12	-	-	-	17	36	-	1	-	2	39	-	56
19	GDANSK	-	-	-	-	-	-	0	5	1	-	-	-	6	-	6
21	GORZOW	-	-	-	-	-	-	0	1	-	-	-	-	1	-	1
23	JELENIA GORA	-	-	-	-	-	-	0	1	-	-	-	-	1	-	1
25	KALISZ	-	-	-	-	-	-	0	6	-	-	-	-	6	-	6
27	KATOWICE	1	2	1	-	-	-	4	20	-	-	-	-	20	-	24
29	KIELCE	2	1	1	-	-	-	4	24	2	-	-	1	27	-	31
31	KONIN	-	1	1	-	-	-	2	6	-	-	-	-	6	-	8
35	KRAKOW	-	1	1	-	-	-	2	2	-	-	-	-	2	-	4
37	KROSNO	-	-	-	-	-	-	0	5	-	-	-	-	5	-	5
39	LEGNICA	-	-	-	-	-	-	0	1	-	-	-	-	1	-	1
41	LESZNO	-	1	-	-	-	-	1	5	-	-	-	-	5	-	6
43	LUBLIN	-	-	-	-	-	-	0	1	-	-	-	-	1	-	1
45	LOMZA	-	-	2	-	-	-	2	11	-	1	-	-	12	-	14
49	NOWY SACZ	-	1	-	-	-	-	1	2	1	-	-	-	3	-	4
51	OLSZTYN	2	1	15	-	-	-	18	31	-	2	-	1	34	-	52
53	OPOLE	1	-	-	-	-	-	1	1	-	-	-	-	1	-	2
55	OSTROLEKA	-	2	1	-	-	-	3	15	1	-	-	5	21	-	24
57	PILA	-	-	-	-	-	-	0	4	-	-	-	-	4	-	4
59	PIOTRKOW TRYB	-	1	-	-	-	-	1	11	-	-	-	4	15	-	16
61	PLOCK	2	2	-	-	-	-	4	9	1	1	-	-	11	-	15
63	POZNAN	-	-	-	-	-	-	0	4	-	-	-	2	6	-	6
65	PRZEMYSL	-	5	-	-	-	-	5	2	-	-	-	-	2	-	7
67	RADOM	1	-	-	-	-	-	1	13	-	-	-	-	13	-	14
69	RZESZOW	1	2	-	-	-	-	3	5	-	2	-	-	7	-	10
71	SIEDLCE	-	-	2	-	-	-	2	26	1	-	-	1	28	-	30
73	SIERADZ	-	1	-	-	-	-	1	12	-	-	-	1	13	-	14
75	SKIERNIEWICE	-	1	-	-	-	-	1	4	-	-	-	-	4	-	5
79	SUWALKI	1	1	-	-	-	-	2	10	-	1	-	4	15	-	17
83	TARNOBRZEG	2	2	-	-	-	-	4	18	1	1	-	-	20	-	24
85	TARNOW	-	2	-	-	-	-	2	12	-	1	1	-	14	-	16
87	TORUN	1	1	3	-	-	-	5	10	-	4	-	1	15	-	20
89	WALBRZYCH	-	-	-	-	-	-	0	1	-	-	1	-	2	-	2
91	WLOCLAWEK	-	-	3	-	-	-	3	6	-	-	-	-	6	-	9
93	WROCLAW	-	-	-	-	-	-	0	2	-	-	-	-	2	-	2
95	ZAMOSC	-	-	-	-	-	-	0	2	1	-	-	-	3	-	3
97	ZIELONA GORA	-	-	-	-	-	-	0	1	-	-	-	-	1	-	1
TOTAL		16	37	44	0	0	0	97	380	9	16	3	24	432	0	529
PER CENT		3.0	7.0	8.3	0.0	0.0	0.0	18.3	71.8	1.7	3.0	0.6	4.5	81.7	0.0	100.0

RUS		RUSSIAN FEDERATION											R A B I E S C A S E S				1. 7.96 - 30. 9.96	
LOCATION		D O M E S T I C A N I M A L S						W I L D A N I M A L S						HUMAN CASES	TOTAL			
CODE	NAME	DOG	CAT	CATTLE	HORSE	SHEEP GOAT	OTHERS	TOTAL	FOX	BADGER	OTHER MUSTEL	DEER	OTHERS			TOTAL		
08	Pskov Region	1	-	-	-	-	-	1	2	-	-	-	-	2	-	3		
12	Tver Region	-	-	2	-	-	-	2	1	-	-	-	-	1	-	3		
15	Moscow Region	3	1	3	-	-	-	7	4	-	-	-	-	4	1	12		
16	Oryol Region	1	-	-	-	-	-	1	2	-	-	-	-	2	-	3		
18	Smolensk Region	1	-	-	-	-	-	1	4	-	-	-	1	5	-	6		
19	Tula Region	2	1	1	-	-	-	4	6	-	-	-	-	6	-	10		
26	Belgorod Region	3	-	4	-	-	-	7	4	-	-	-	-	4	-	11		
27	Voronezh Region	1	2	5	-	-	-	8	2	-	-	-	1	3	-	11		
28	Kursk Region	2	2	2	-	-	-	6	-	-	-	-	-	0	-	6		
31	Astrakhan Region	3	-	1	-	-	-	4	-	-	-	-	-	0	-	4		
32	Volgograd Region	1	1	18	-	-	-	20	1	-	-	-	-	1	-	21		
33	Samara Region	1	1	6	-	-	-	8	-	-	-	-	-	0	1	9		
34	Panza Region	2	-	-	-	-	-	2	6	-	-	-	-	6	-	8		
35	Saratov Region	8	3	6	-	-	-	17	2	-	-	-	-	2	-	19		
36	Ulyanovsk Region	1	1	-	-	-	-	2	2	-	-	-	-	2	-	4		
37	Republic of Kalmykiya	-	-	1	-	-	-	1	-	-	-	-	-	0	-	1		
38	Republic of Tatarstan	-	2	2	-	-	-	4	3	1	-	-	-	4	-	8		
39	Krasnodar Territory	20	2	6	-	1	-	29	-	-	-	-	-	0	-	29		
40	Stavropol Territory	-	-	-	-	-	-	0	1	-	-	-	-	1	-	1		
41	Rostov Region	2	-	2	-	-	-	4	-	-	-	-	-	0	-	4		
42	Orenburg Region	1	1	4	-	-	-	6	-	-	-	-	-	0	-	6		
44	Republic of Bashkorto	15	-	24	3	-	-	42	1	-	-	-	-	1	-	43		
45	Republic of Odmurtiya	1	-	-	-	-	-	1	-	-	-	-	-	0	-	1		
46	Kaliningrad Region	-	-	4	-	-	-	4	-	-	-	-	-	0	-	4		
TOTAL		69	17	91	3	1	0	181	41	1	0	0	2	44	2	227		
PER CENT		30.4	7.5	40.1	1.3	0.4	0.0	79.7	18.1	0.4	0.0	0.0	0.9	19.4	0.9	100.0		

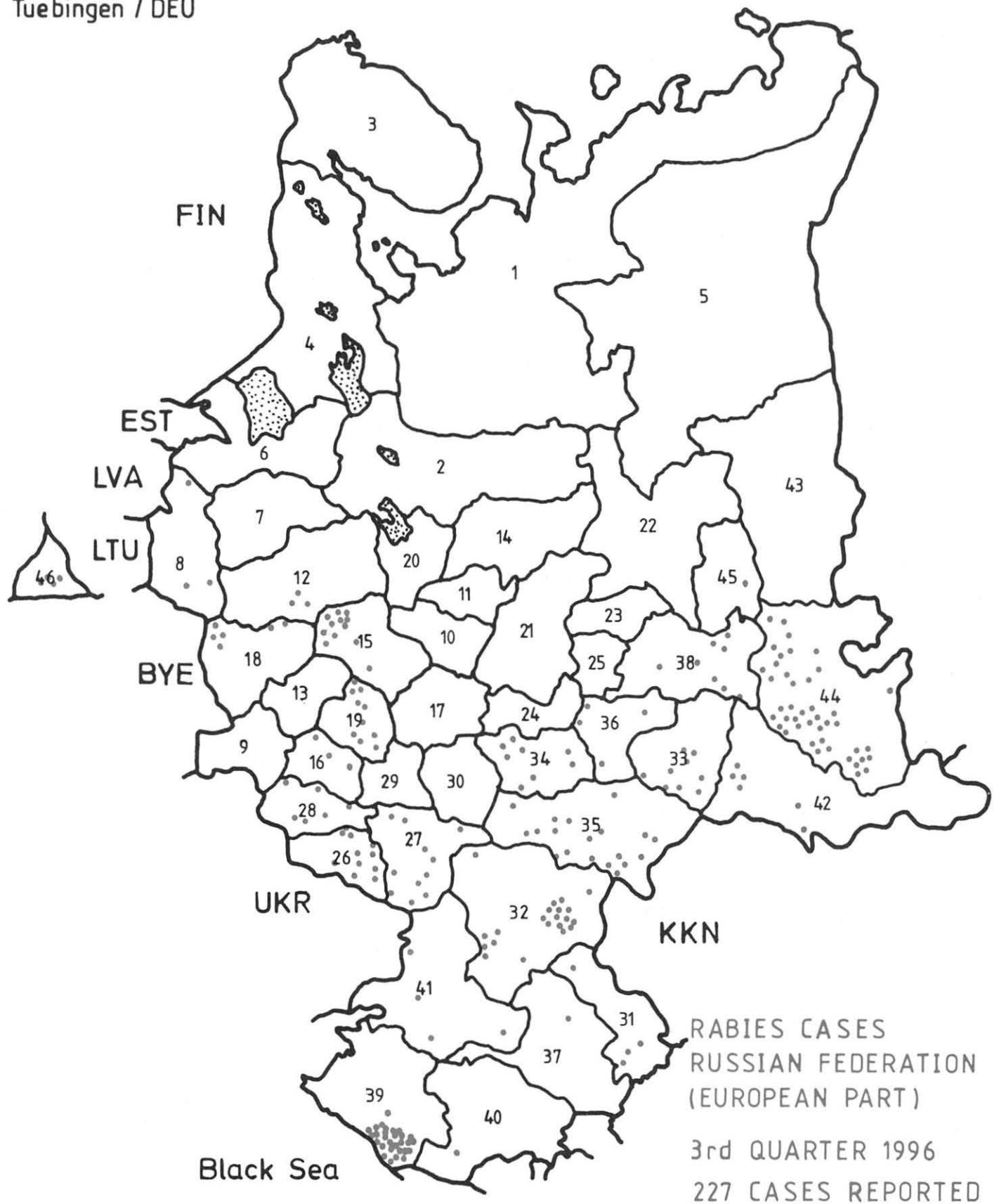
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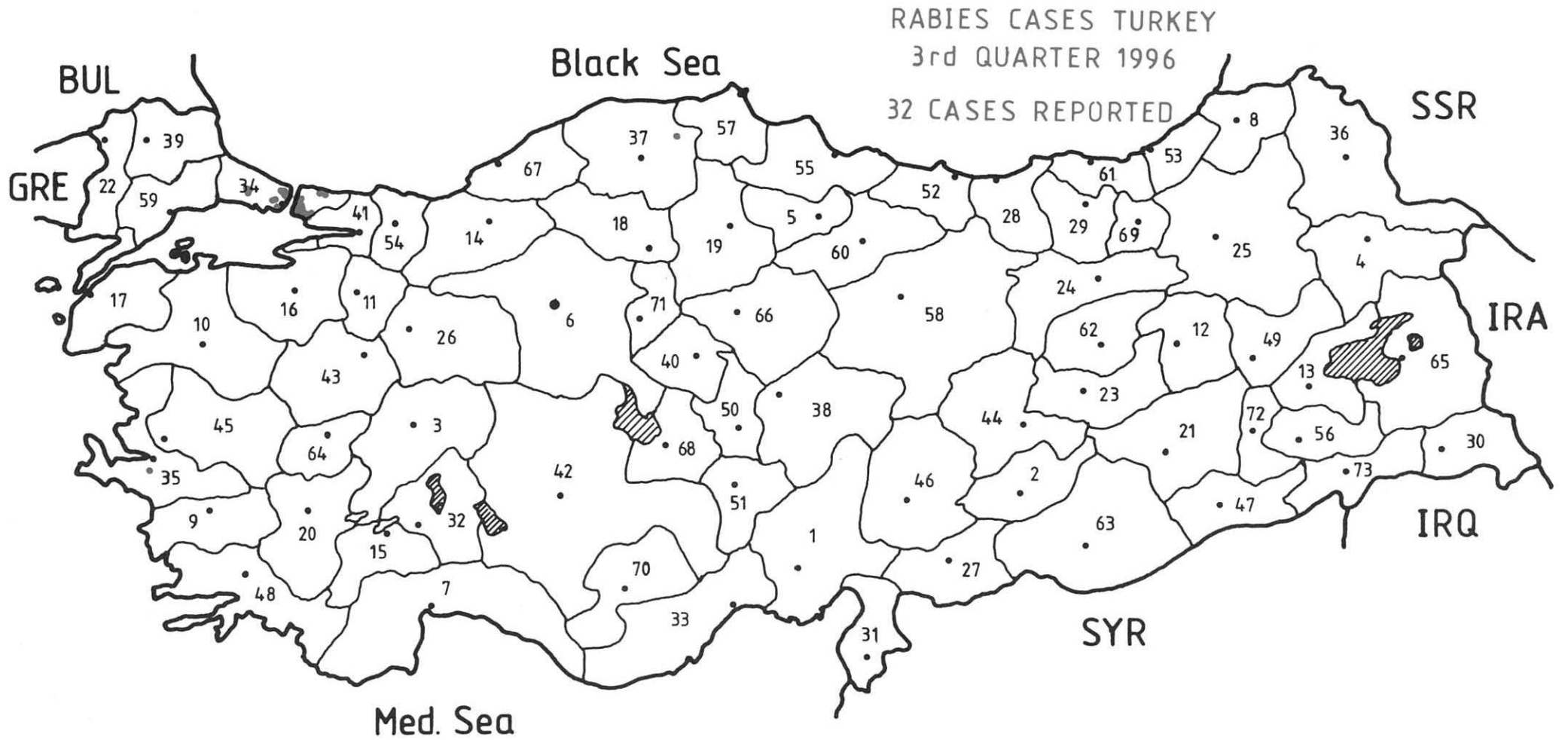
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Tuebingen / DEU



WHO Coll. Centre
Tuebingen / DEU



WHO Coll. Centre
Tuebingen / DEU

ICE
(rabies free)

RABIES CASES EUROPE

3rd QUARTER 1996

1447 CASES REPORTED

9 BAT RABIES CASES INCLUDED



0 50 100 km

(rabies free) = no indigenous case reported for at least two years