



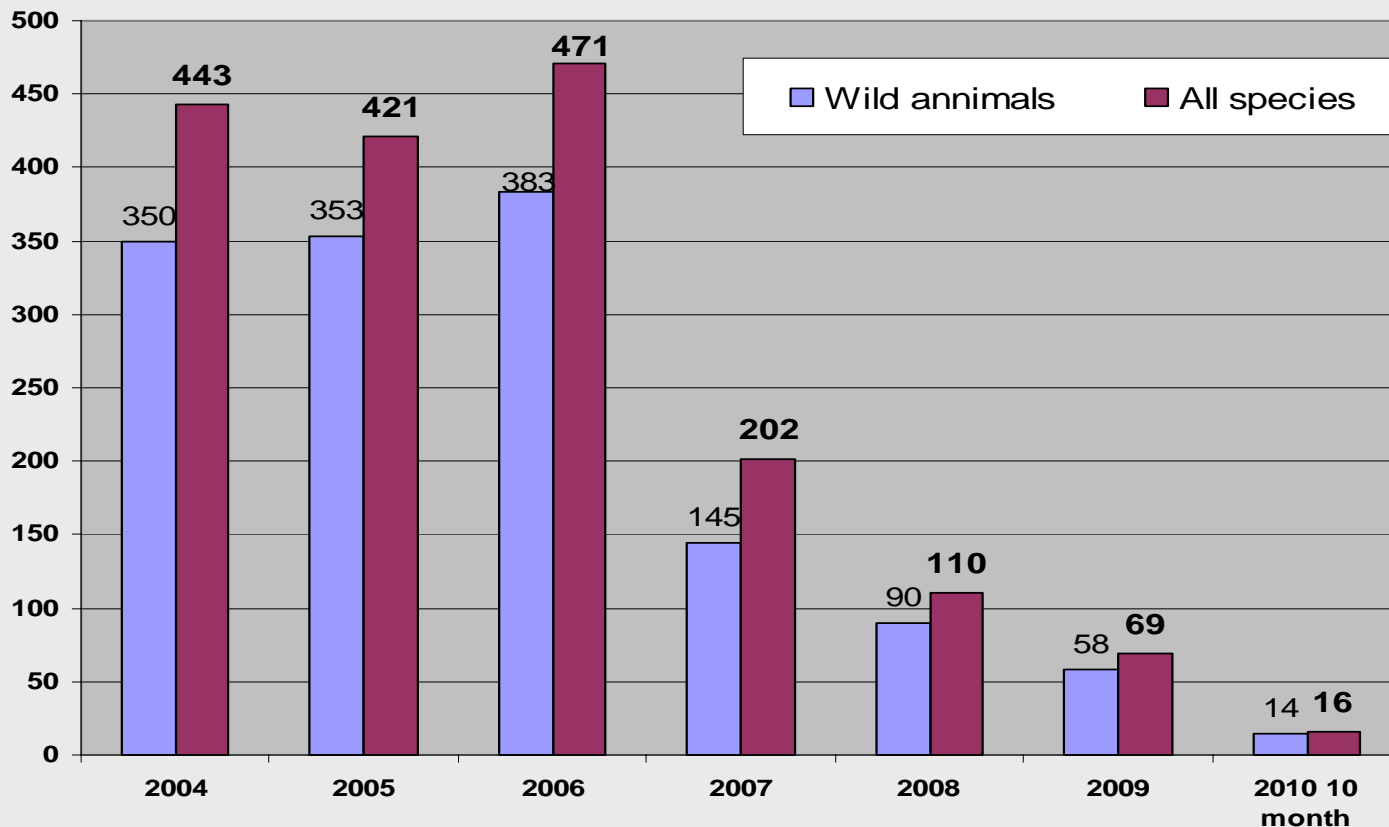
The results of the implementation of the Rabies co - financed eradication programme in the Republic of Latvia in 2009

SCoFCAH, 1 December 2010, Brussels





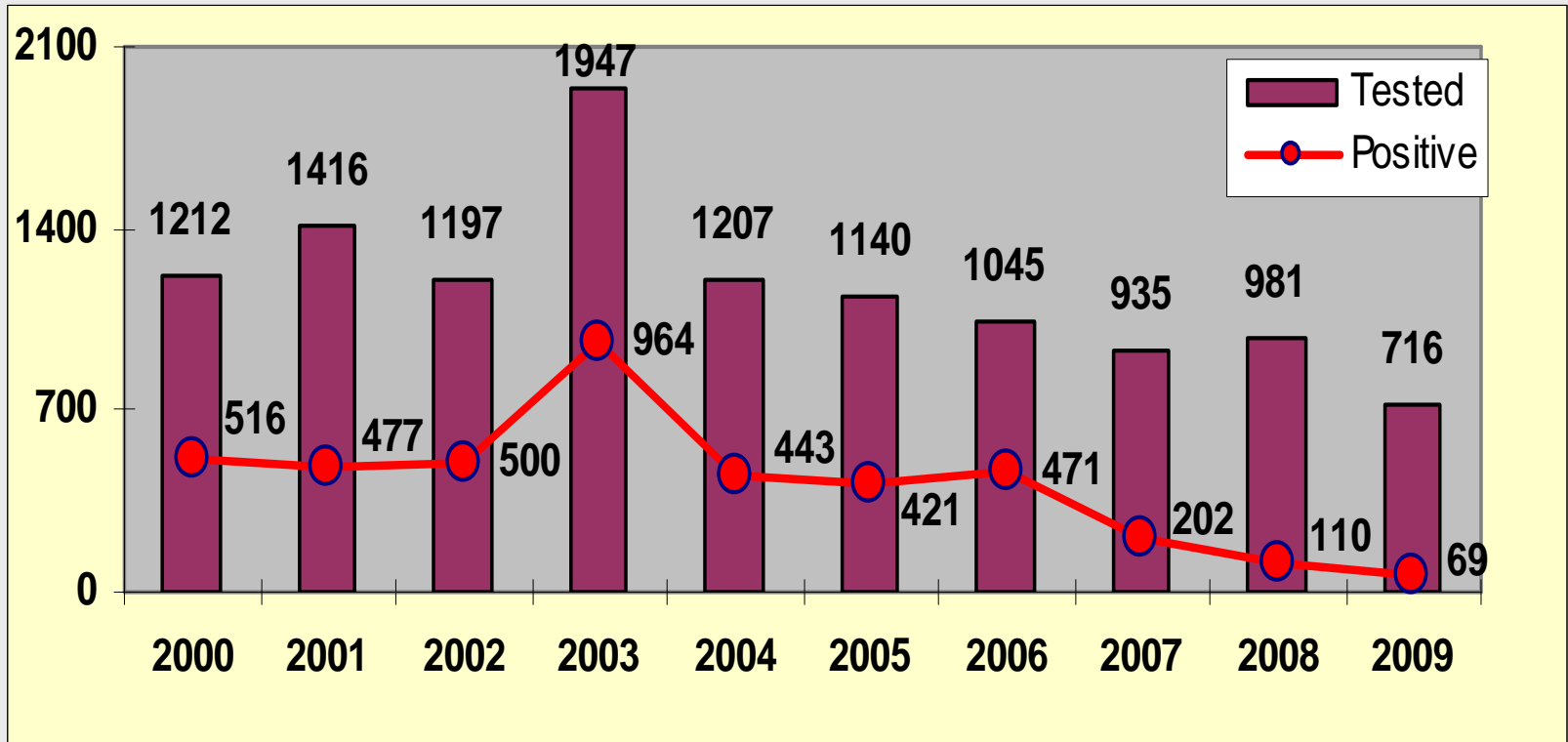
Rabies cases in Latvia since 2004



Summary: Rabies cases decreasing – in 2009 there are 37,3% less cases than in 2008.

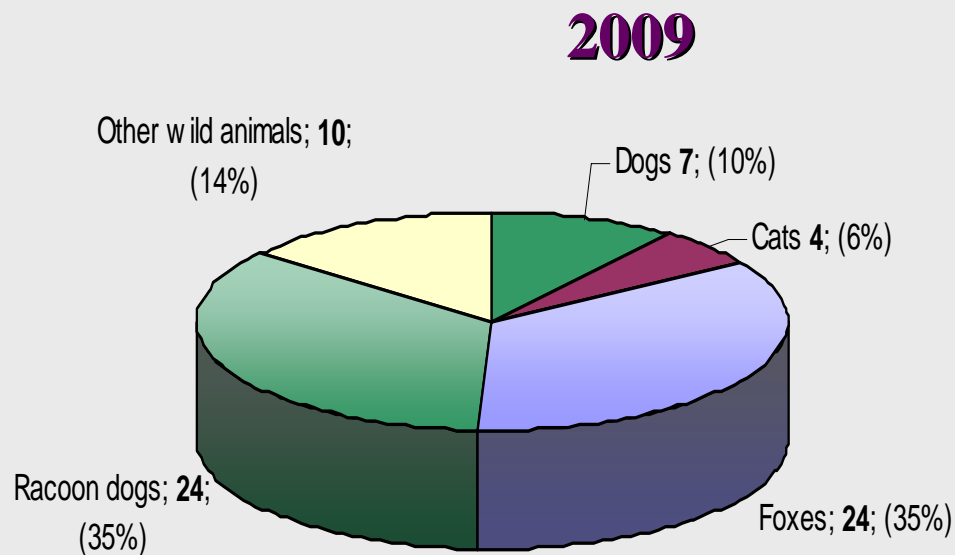
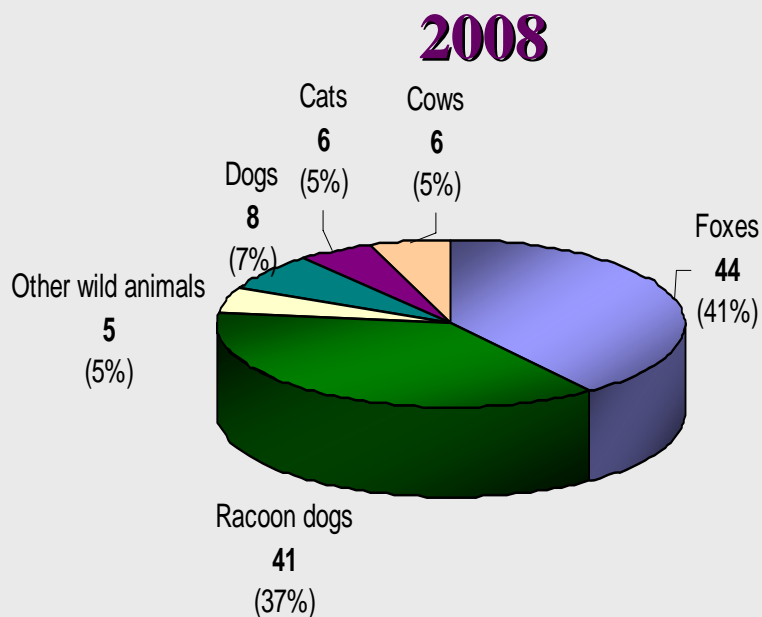


Number of laboratory tests (since 2000)





Species affected by rabies in 2008/2009



Summary:

Rabies cases continue decreasing, but rabies is still actual problem in Latvia.

Disease is endemic in populations of wild foxes and racoon dogs.



Rabies passive surveillance 2009 (1)

~ 700 veterinarians authorized by Food and Veterinary Service (FVS)

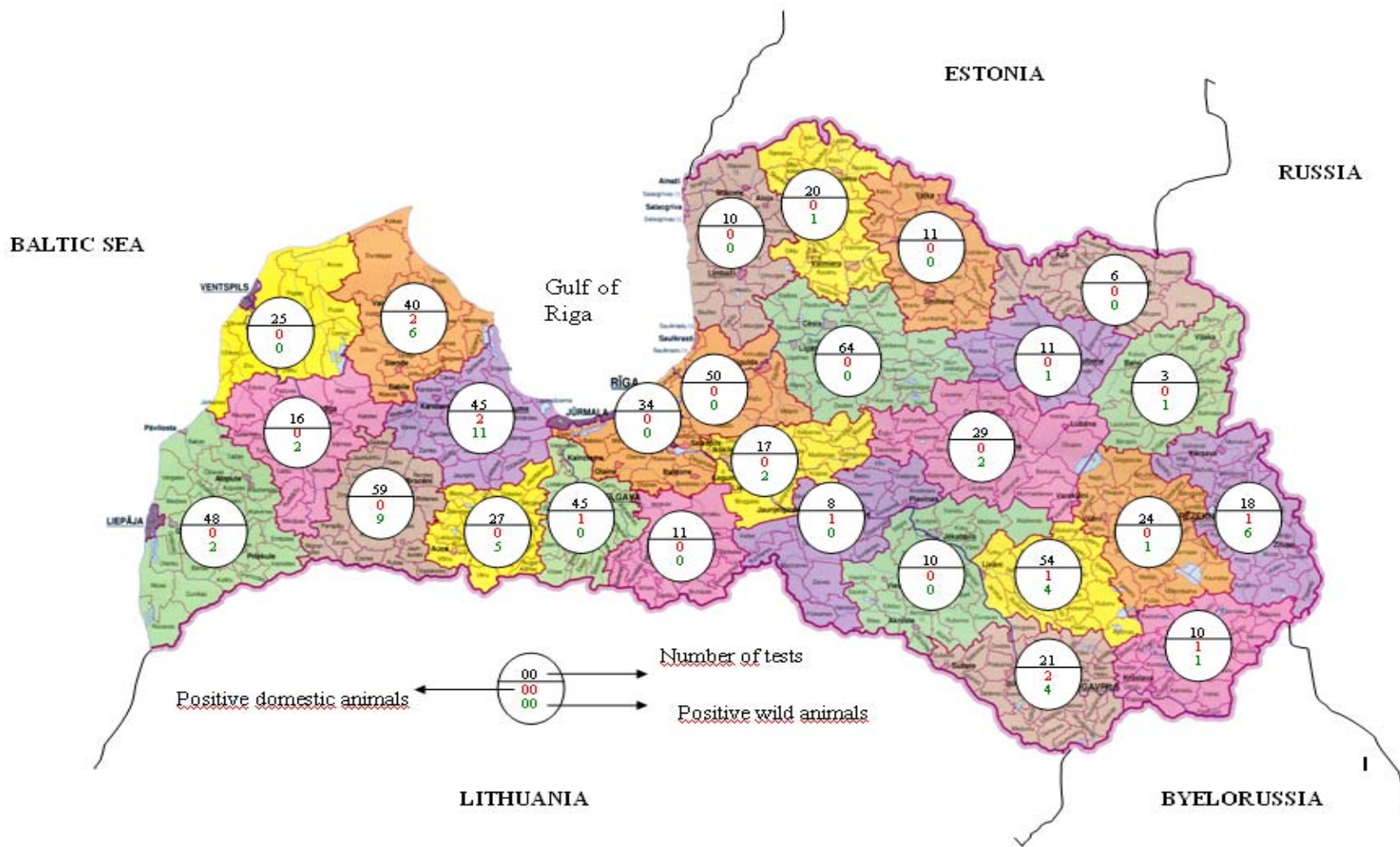
Visits after receiving information about rabies suspects

Sample collection and delivery to Institute of Food Safety, Animal Health and Environment - "BIOR" (regional labs/sample collection points)

Costs are covered by FVS or animal (dog/cat/ ferret) owner!



Rabies passive surveillance 2009 (2)





Prophylactic vaccination of dogs and cats

- 1) Law on Veterinary Medicine – **determines requirement for animal owner to vaccinate dogs, cats and ferrets against Rabies every year**
- 2) Regulation of Cabinet of Ministers No.178 (23.02.2010.) “Procedures for prevention and combating of rabies”
- 3) „Rabies state surveillance and eradication programme” (Order 49, approved by Chief Veterinary Officer on April 16, 2010)

Number of dogs and cats vaccinated against rabies (2008-2009)

Year	Dogs	Cats
2008	104 131	39 252
2009	96 637	38 063
2010 (10 month)	74 344	26 698





Territory and borders

Total area: 64 635 km²

Latvia lies on the Eastern coast of the Baltic Sea.

The combined length of the national borders is 1862 km. The length of sea border is 494 km.



The length of land border with:

Estonia – 343 km

Russia – 282 km

Byelorussia – 167 km

Lithuania – 576 km



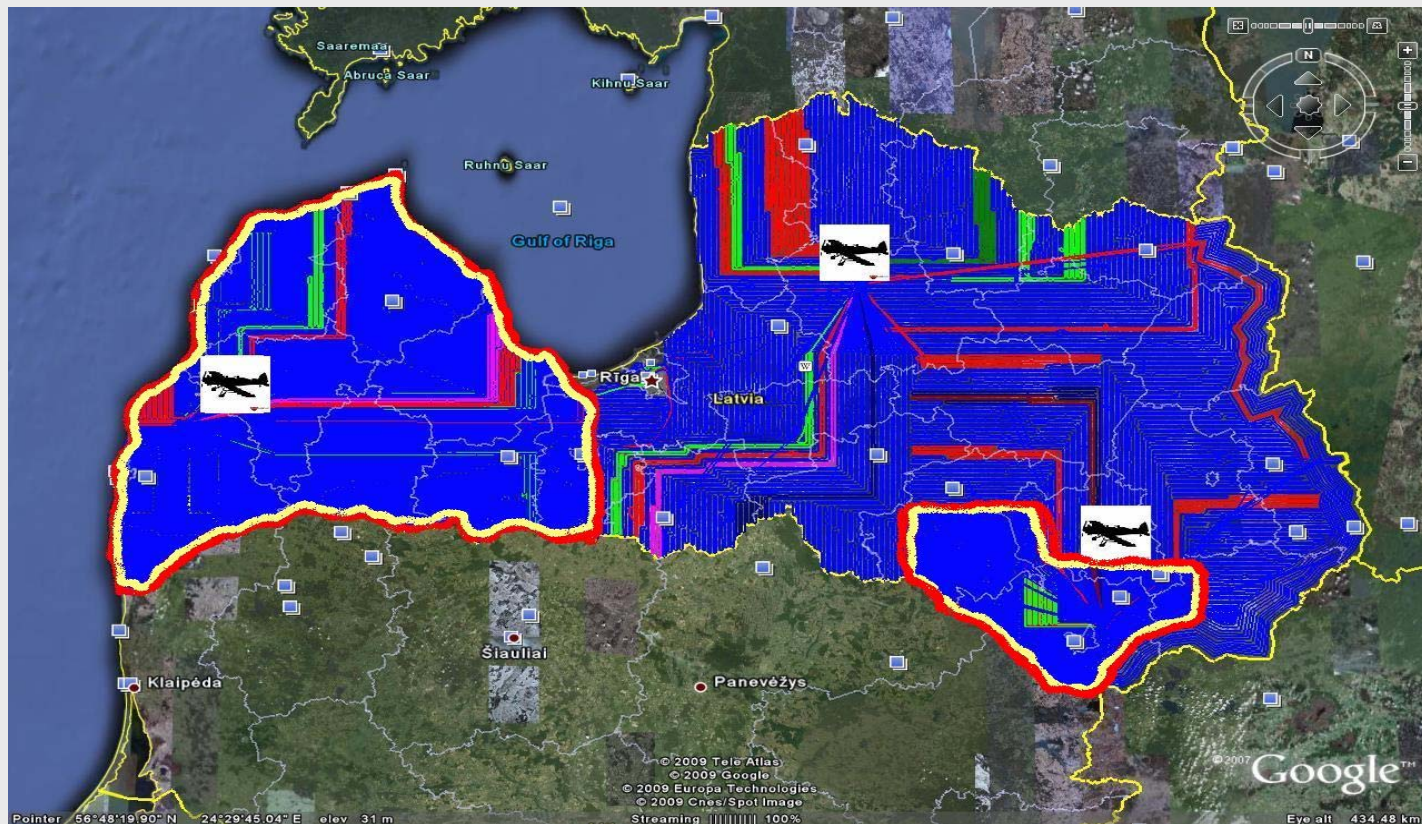
Vaccination campaign 2009 (1)

- **Spring campaign** - from 17th April till 10th May.
Vaccine used: „*Fuchsoral*”, (Impfstoffwerk Dessau-Tornau GmbH, Germany).
Totally distributed: 1 396 800 vaccine baits
 - **Autumn campaign** - from 20th August till 22nd September.
Vaccine used: „*Fuchsoral*”, (Impfstoffwerk Dessau-Tornau GmbH, Germany).
Totally distributed: 1 584 000 vaccine baits
 - **Additionally – manual vaccine bait distribution in cities** (by FVS territorial units).
Totally distributed: 219 200 vaccine baits
- Totally during 2009 distributed 3 200 000 vaccine baits**



Vaccination campaign 2009 (2)

- Collaboration with **Latvian Border Guards** – to perform vaccination 3 km borderland with **Russia** and **Byelorussia** using helicopter (2000 km²).
- In territories where was higher rabies infection, **distance between flights was reduced from 1000 meters to 500 meters**.





Campaign control measures

- Each flight track registered by GPS.
- Each flight documented.
- Number of report is harmonized with flight track number.
- Recorded the date, time, distributed vaccines, area (km²) and signed by responsible persons.
- Control of vaccination efficiency – from hunters purchased shot foxes and racoon dogs (4 animals from 100 km² territory).



Results of efficiency control of 2009 campaign

FAT

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
761	64	825	2	0,3	1	1,6	3	0,4

LM

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
2198	945	3143	1653	75,2	612	64,8	2265	72,1

ELISA

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
2195	945	3140	1119	51,0	468	49,5	1587	50,5

Summary:

Vaccine uptake by wild animals – 72 %, but antibodies against rabies virus are produced 50 % of shot animals.



Financial aspect

- Total costs of implementation of 2009 rabies eradication programme

1 351 348 LVL (1 922 795 EUR)

- Financial contribution by the Community (Commission Decision 2008/897/EC of 28 November 2008) with last amendments

793 037,19 EUR



Thank you for your attention!

