



Food and
Veterinary Service
Republic of Latvia

Results of the implementation of Rabies co-financed eradication program in Latvia during 2015

PAFF meeting,
Brussels, 5-6 July 2016.





Territory and borders of Latvia

Total area: 64 635 km²

Latvia lies on the Eastern coast of the Baltic Sea.

The length of sea border is 494 km.

The total length of terrestrial borders is 1862 km.



Terrestrial borders with:

Estonia - 343 km

Russia - 282 km

Belarus – 167 km

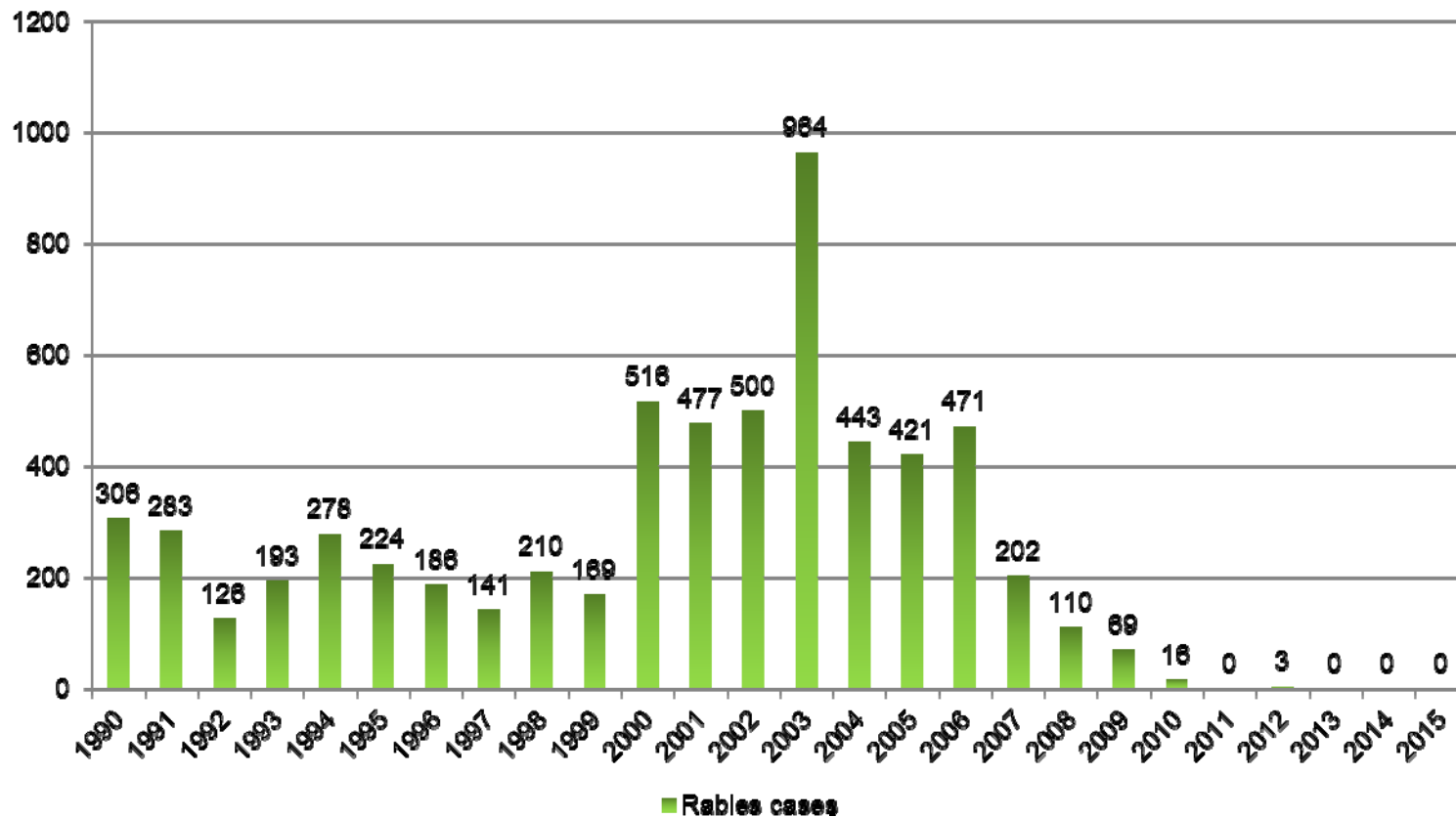
Lithuania - 576 km



Rabies cases in Latvia 1990-2015

The last rabies cases was confirmed in February 2012.

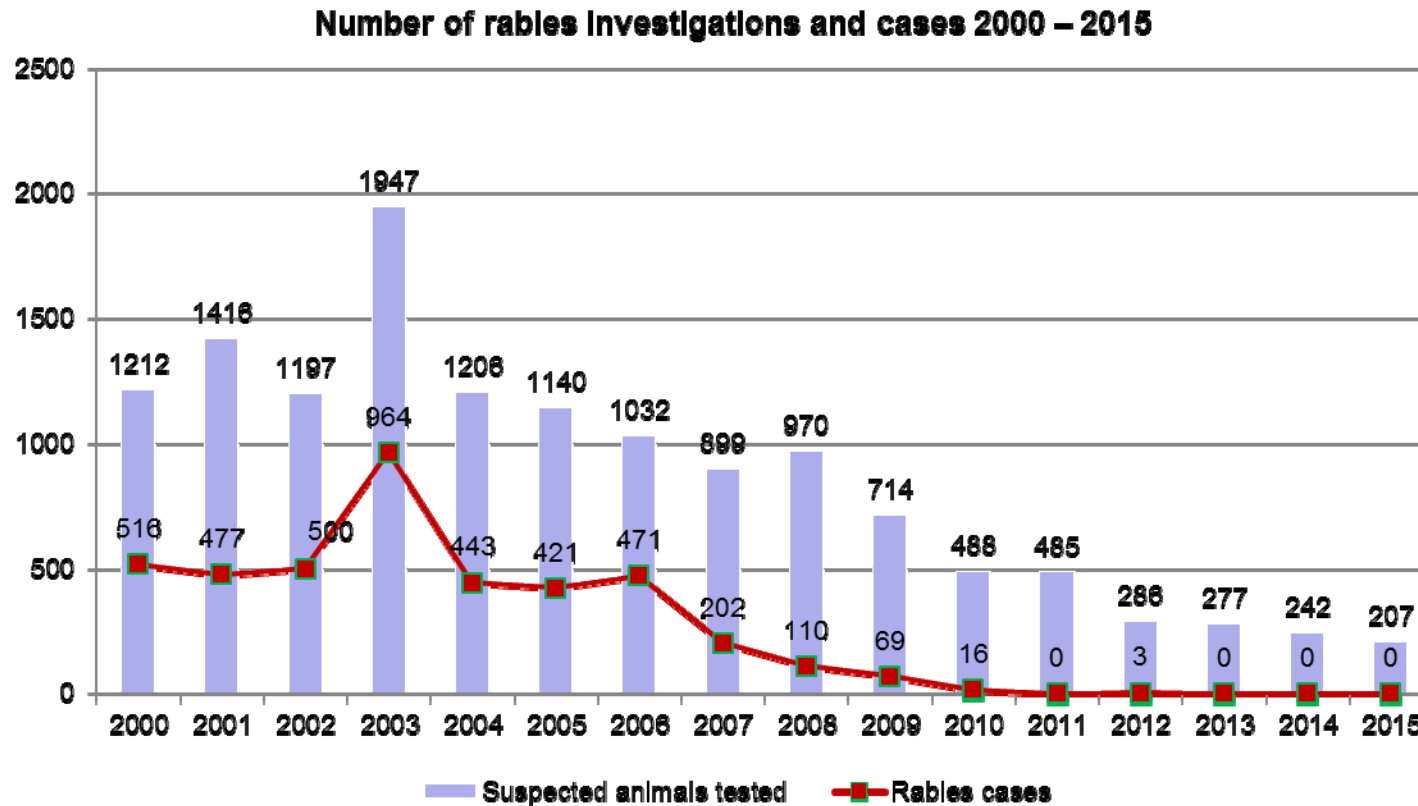
Latvia is free from rabies since December 2014 (OIE self-declaration)





Rabies passive surveillance 2015

Passive surveillance – all suspected animals (wildlife + domestic) submitted to National Reference laboratory for testing to rabies virus.

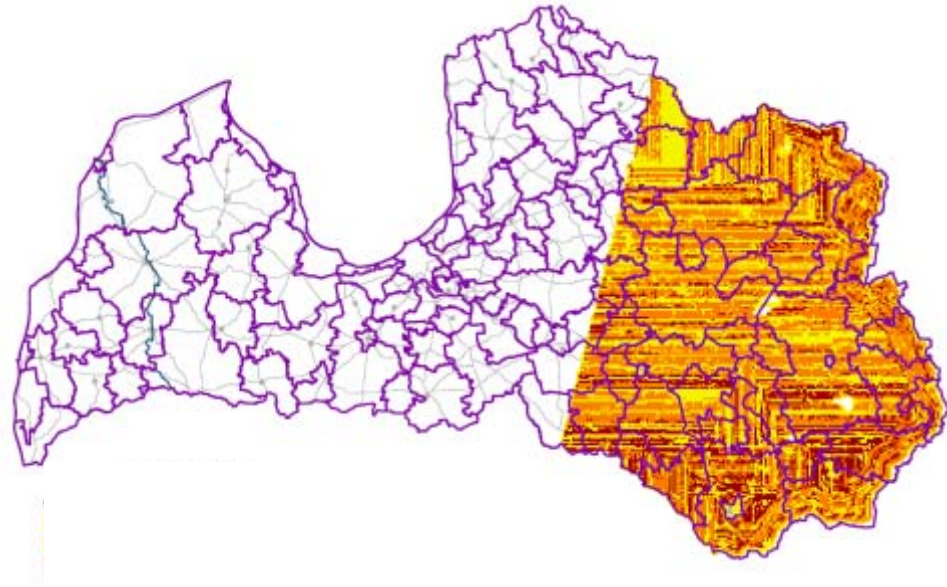




Wildlife oral vaccination in 2015

Due to favorable rabies epidemiological situation vaccination area is reduced to 25 600 km² since 2014.

- Two vaccination campaigns
- Distance between flight lines 500m
- ~25 baits/km²
- Each vaccine bait distributed is registered.



1 280 000 Lysvulpen (Bioveta) vaccine baits were distributed during spring and autumn vaccination campaigns. Vaccination was performed from aircrafts Cessna 172 using fully automatic vaccine distribution registration and control device SURVIS.



Monitoring results of vaccination campaigns

To ensure vaccination efficiency control - hunted foxes and raccoon dogs from vaccinated area were purchased from hunters and submitted to NRL for testing to bait uptake (LM) and seroconversion (ELISA).

LM

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
383	550	933	342	89	472	86	814	87

ELISA

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
383	550	933	280	73	373	68	653	70

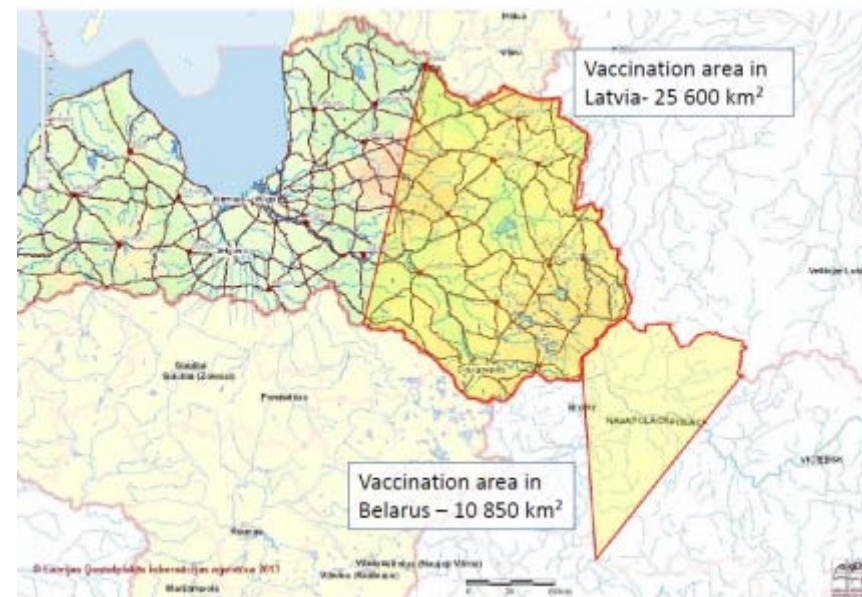
Summary: 70% of tested animals have antibodies against rabies virus



Rabies programme in the Belarus in 2015

Since 2012 EU co-financed program includes oral vaccination of wildlife (foxes and raccoon dogs) in Belarus territory near Latvia (EU Eastern border) to establish approximately 50 km buffer zone with total area of **10 850 km²**.

- Implementation of the program ensured by Food and Veterinary Department of Belarus
- Two vaccination campaigns performed
- 500 000 vaccine baits were distributed.





Financial aspects 2015

Total eligible costs of implementation of 2015 rabies eradication program - **1 347 742.84 EUR:**

- in Latvia 936 343.10 EUR
- in Belarus 411 399.74 EUR



Thank you for your attention!

