



Food and
Veterinary Service
Republic of Latvia

Results of the implementation of Rabies co-financed eradication program in Latvia during 2016

PAFF meeting,
Brussels, 16 May 2017





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

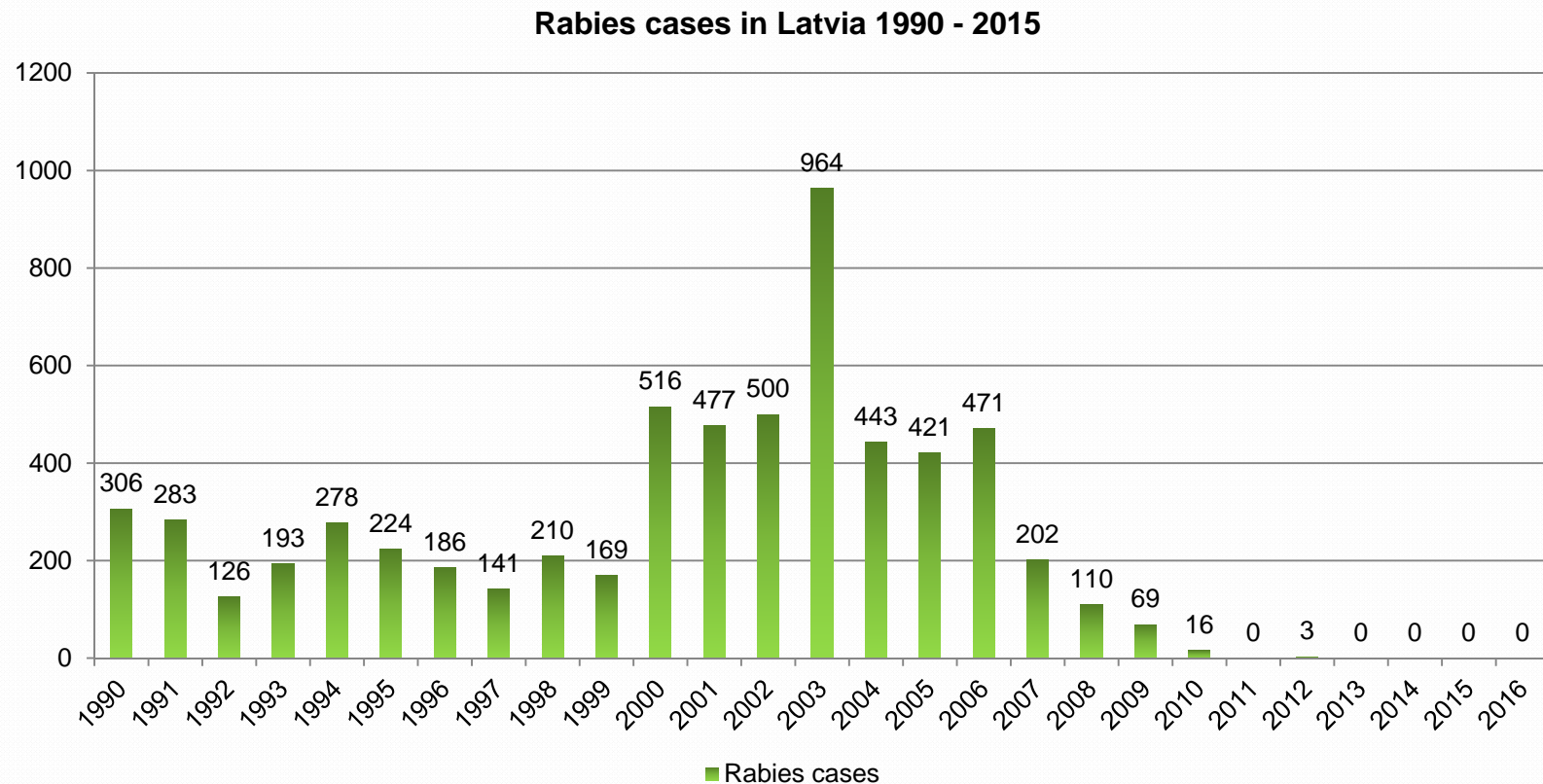
Lithuania - 576 km



Rabies cases in Latvia 1990-2016

The last rabies cases was confirmed in February 2012.

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

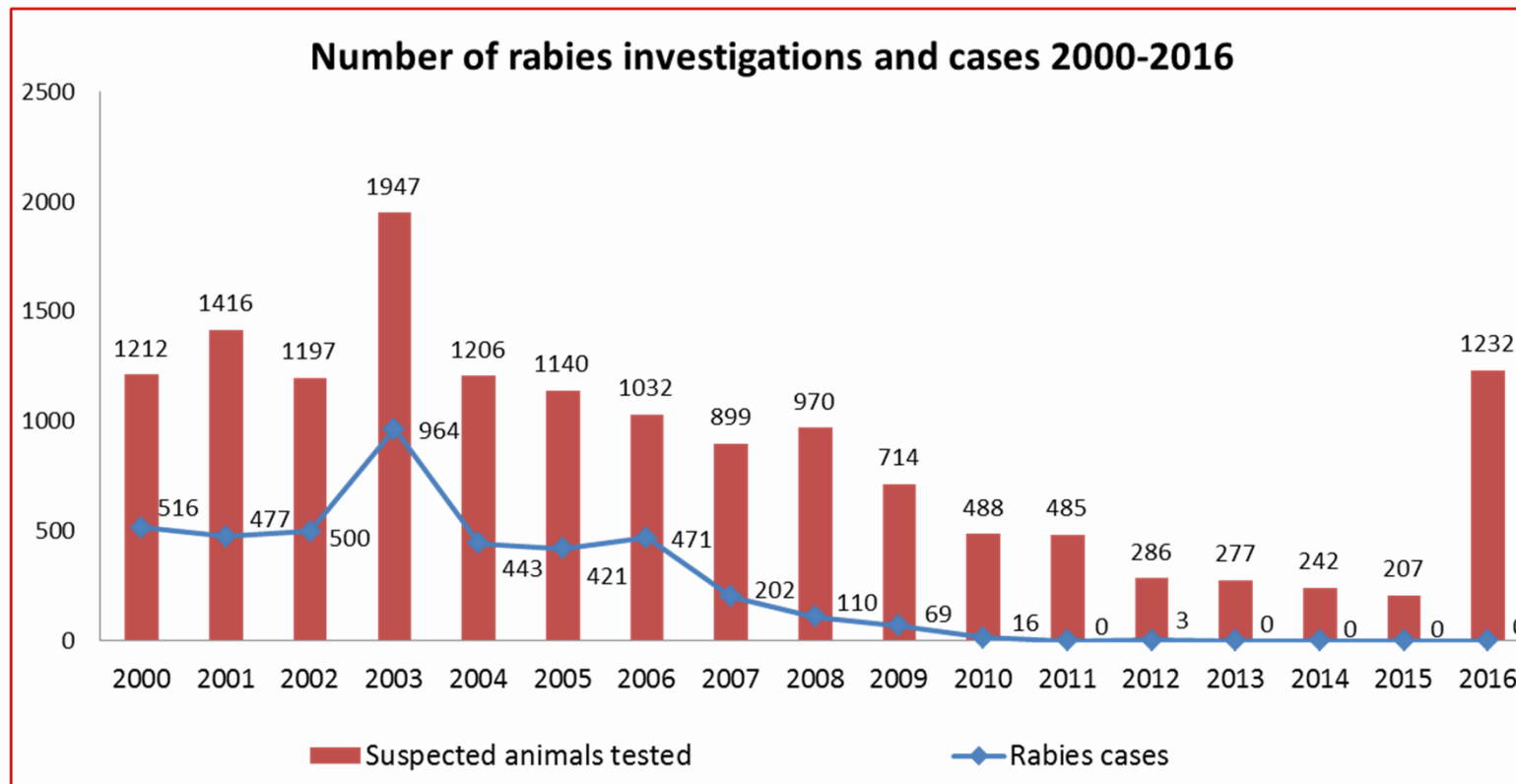




Rabies passive surveillance 2016

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

Program of road kills surveillance were enforced during the 2016.

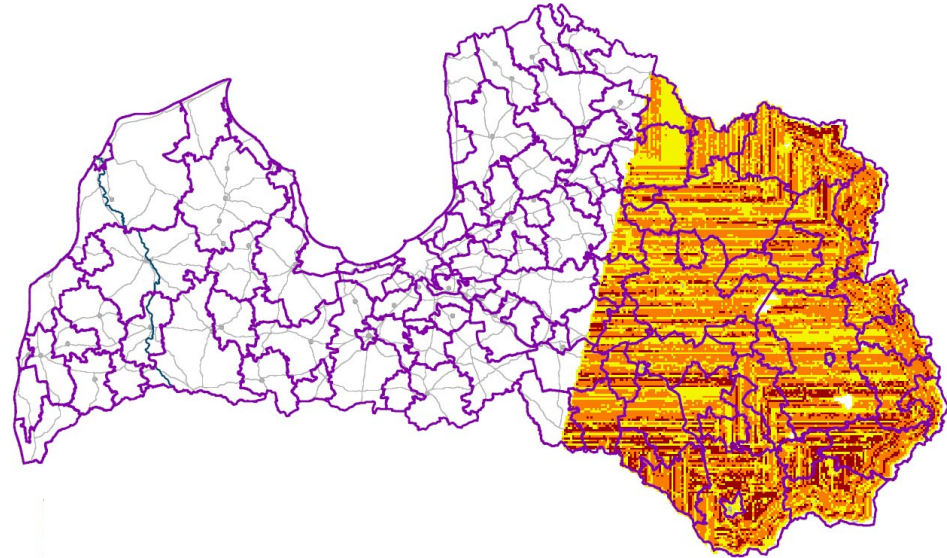




Wildlife oral vaccination in 2016

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 distributed vaccine bait 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	%
664	461	1125	578	87	382	83	960	85

ELISA

Tested			Positive					
Foxes	Racoon dogs	Total	Foxes	%	Racoon dogs	%	Total	%
664	461	1125	449	68	269	58	718	63

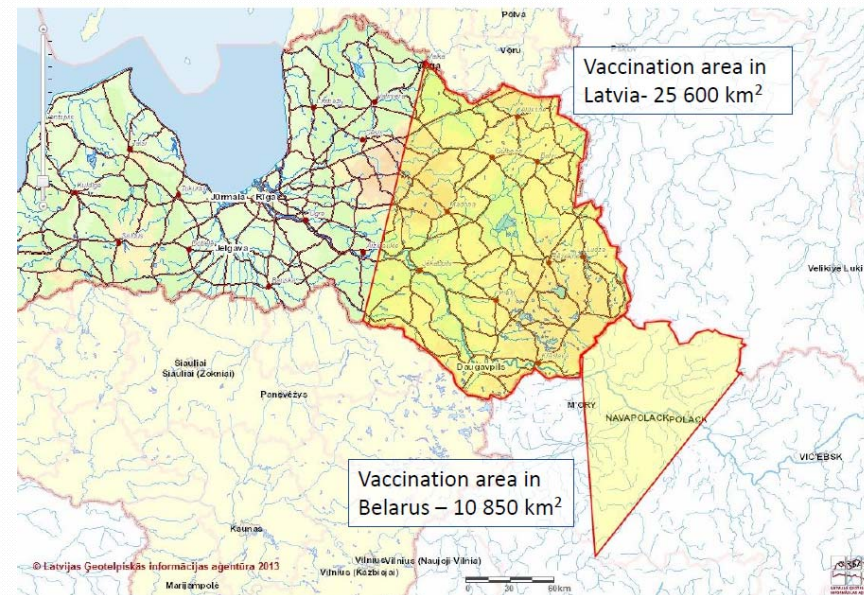
Summary: 63% of tested animals have antibodies against rabies virus



Rabies programme in the Belarus in 2016

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
- Spring vaccination campaign was not performed and due to weather conditions autumn campaign was performed partly (~10%)





Financial aspects 2016

Total eligible costs of implementation of 2016 rabies eradication program – **869 506 EUR:**

- in Latvia 845 756 EUR
- in Belarus 23 750 EUR



Thank you for your attention!

