

**Implementation of the classical swine
fever programme in 2013**
SLOVAK REPUBLIC



SCoPAFF, Animal health section ,Brussels, September 2014



ŠVPS SR
Štátna veterinárna a potravinová správa
Slovenskej republiky



Aim of the presentation

- **CSF Overview of the development of the CSF situation in the Slovak Republic in 2013**
- **CSF Eradication and monitoring programme in 2013**

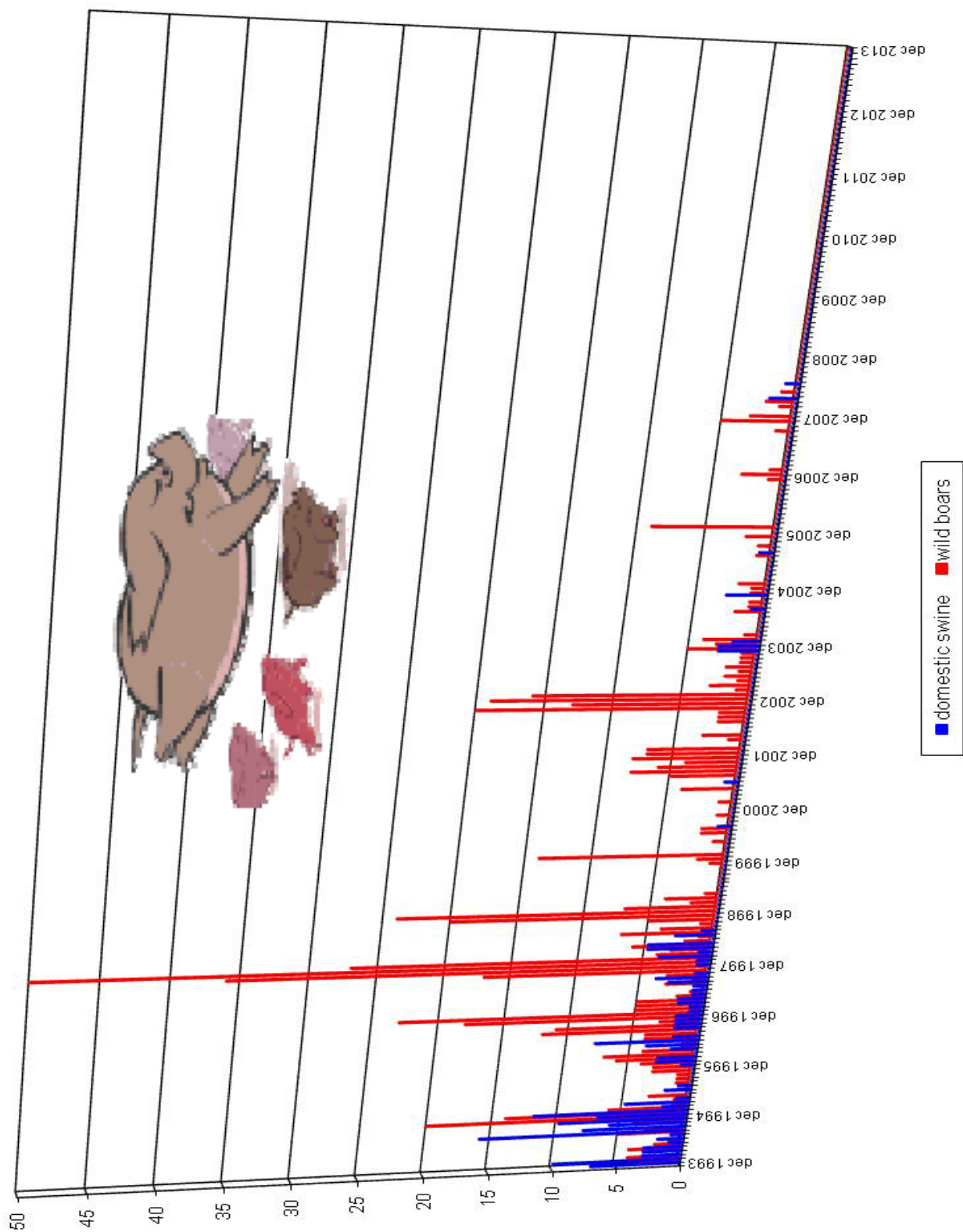


CSF in the Slovak Republic – State of play

- No positive CSF case in domestic pigs
(last occurrence in July 2008)
- no virologically positive result in wild boars
(last positive result confirmed in May 2008)

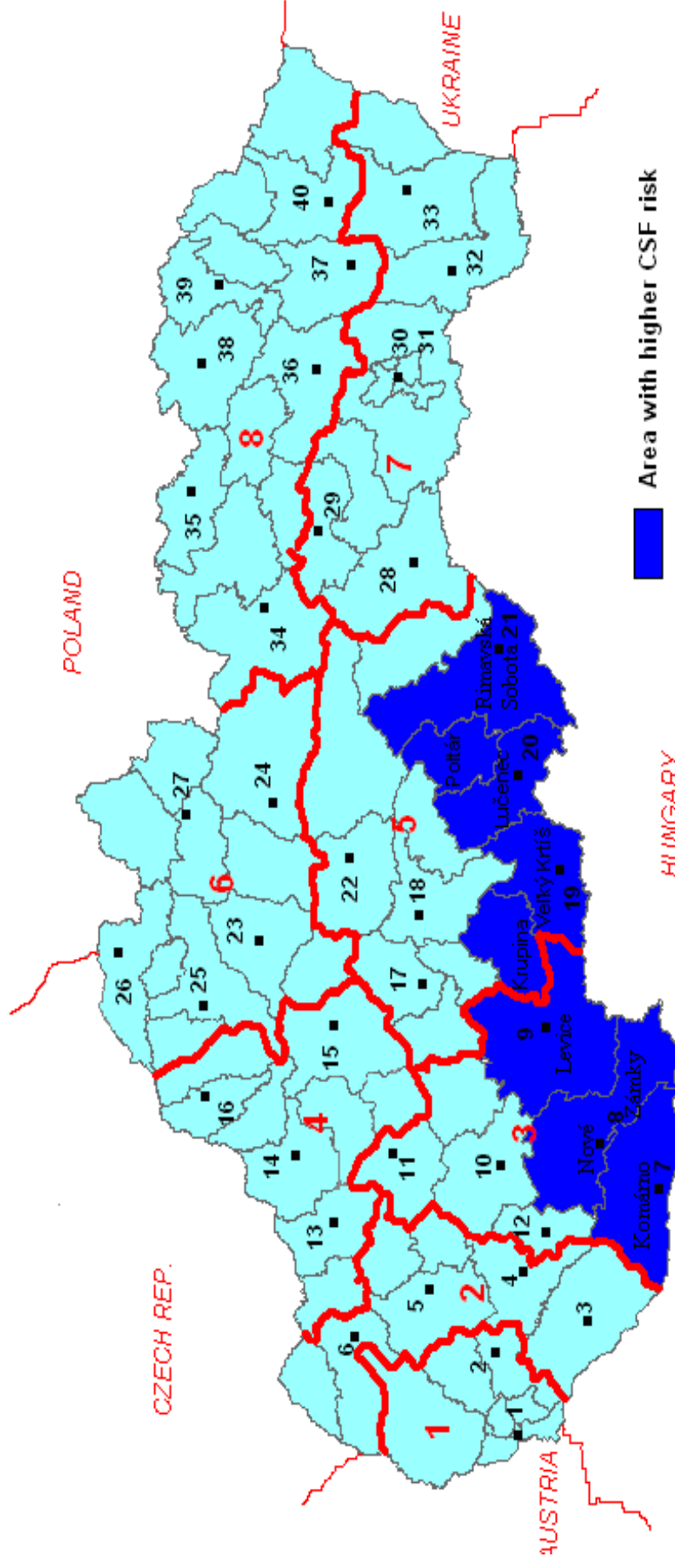


Occurrence of CSF in domestic swine and wild boars in Slovakia from December 1993 till December 2013



CSF free status in 2013

“ risk areas“ (defined by SK competent veterinary authority- SVFA SR) following historical occurrence of CSF, the differences between both areas is different level of surveillance and monitoring programme currently in place



CSF control programme *in the Slovak republic in 2013*

Includes:

- **Legal framework**
- **Monitoring and surveillance**
- **Results of laboratory investigation**
- **Vaccination policy**
- **Financial provisions**
- **Other activities such training programmes, consultations, cooperation with the breeders, farmers, hunters, meetings on bilateral or trilateral level)**

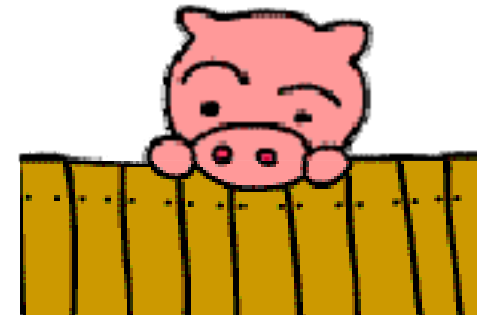


Monitoring /surveillance system of CSF in domestic pigs



Sampling schema includes:

- **all breeding, multiplier and production holdings from which the pigs are moved (sampling in holding)**
- **sows and boars in backyard pig holdings which produce weanlings**
- **boars at semen collection centres**
- 1. **examination of sows after abortion**



CSF control programme **in the Slovak republic**

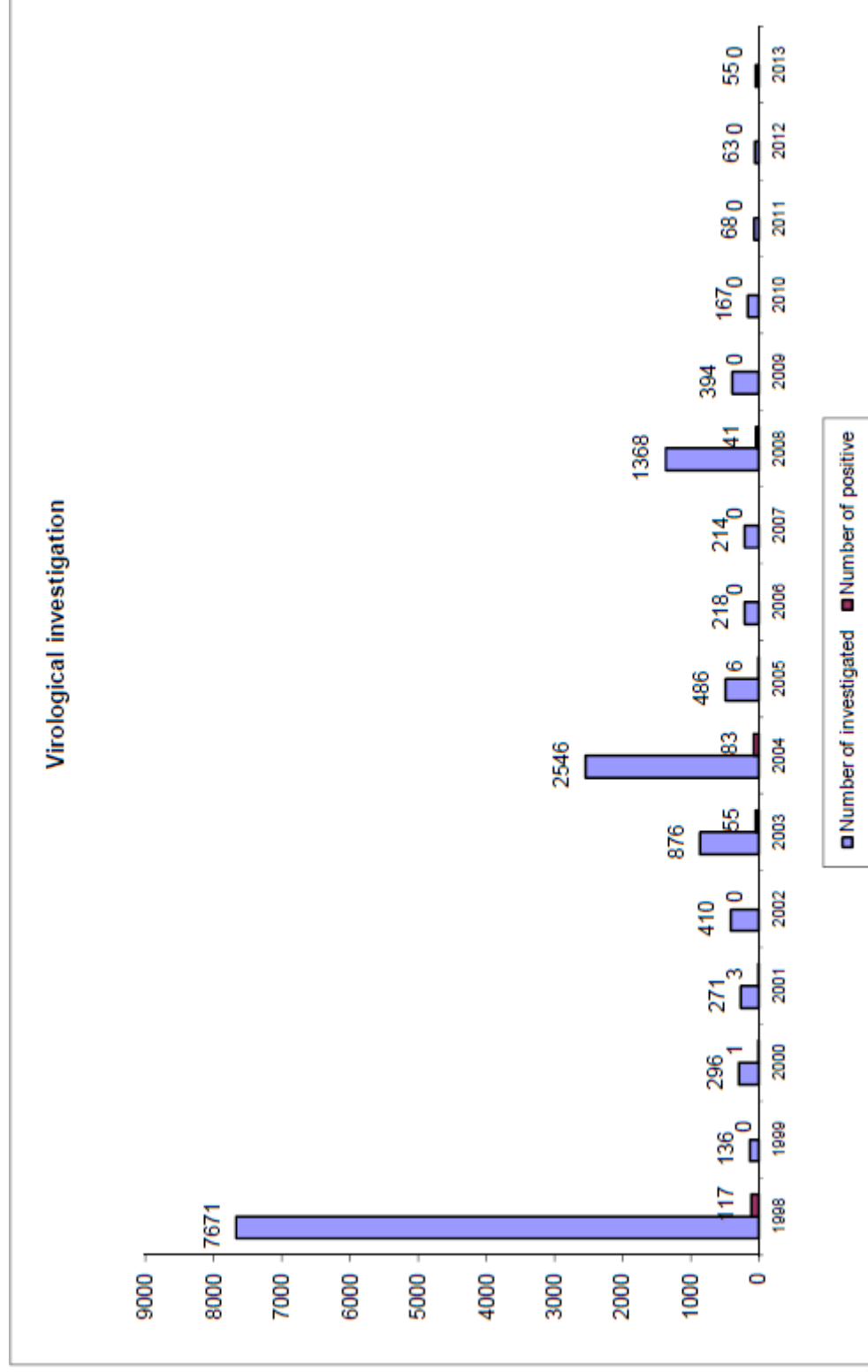


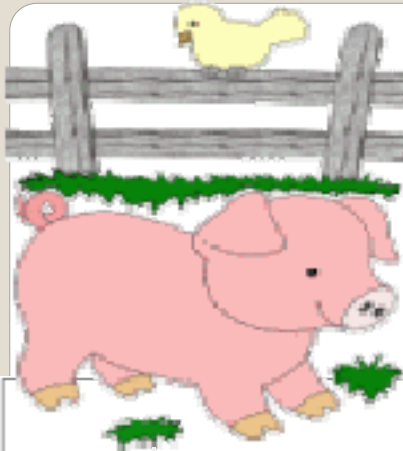
The measures in the pig holdings **to prevent the spreading of the disease:**

- 1. to keep all the pig in the holding in their stable premises or at place where they can be isolated from wild boars;**
- 2. prohibition of movement of pigs out from and into the holding without permission by the relevant authority**
- 3. usage of effective disinfecting facilities at entry into holdings and into individual areas for pigs as well as at exit from them to comply with hygienic measures for entrance and exit of persons which come into contact with wild boars as well as for decrease of the risk of spreading of CSF virus, including temporary ban of entrance of such persons into pig holdings**
- 4. taking samples for laboratory examination from sick animals with signs of CSF**



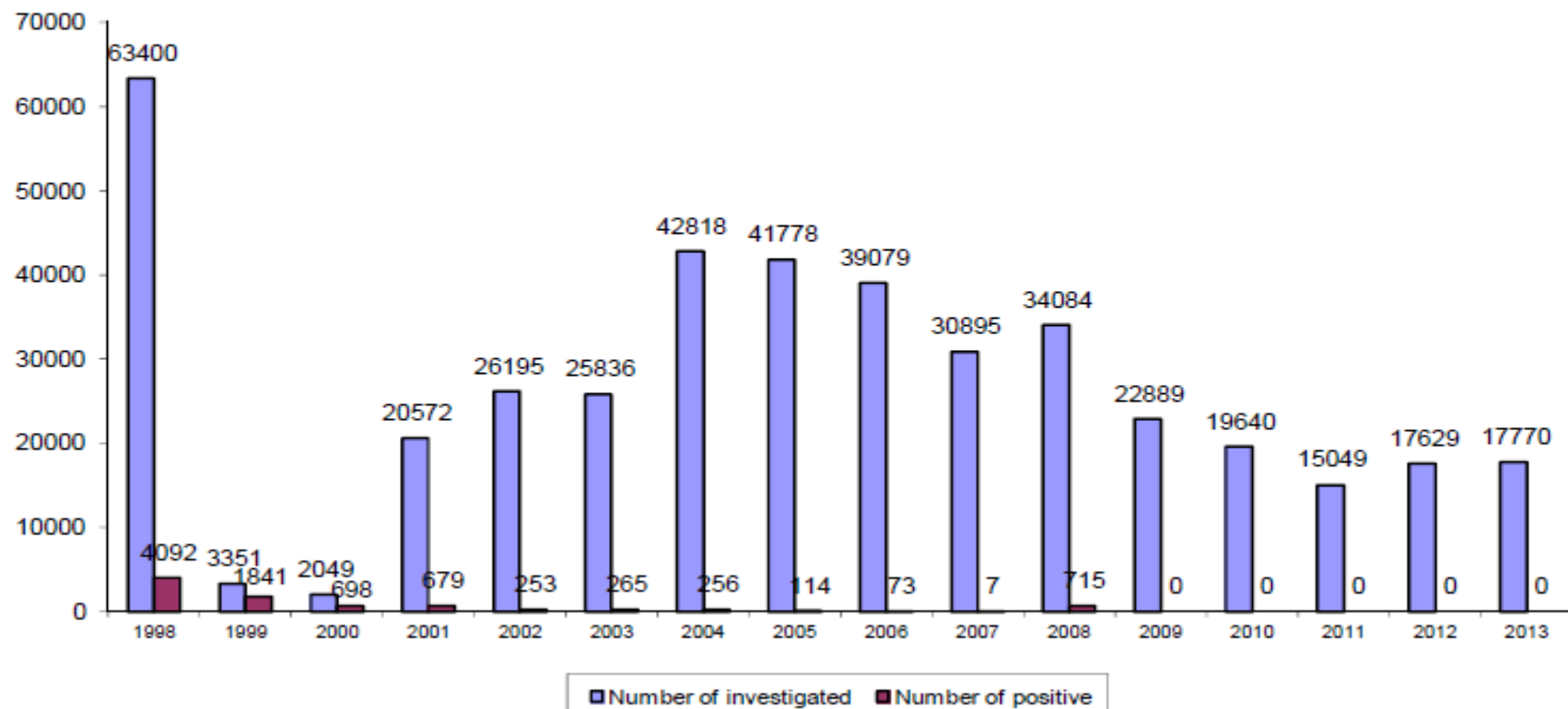
Laboratory Investigations of CSF in domestic swine in Slovakia 1998 – 2013



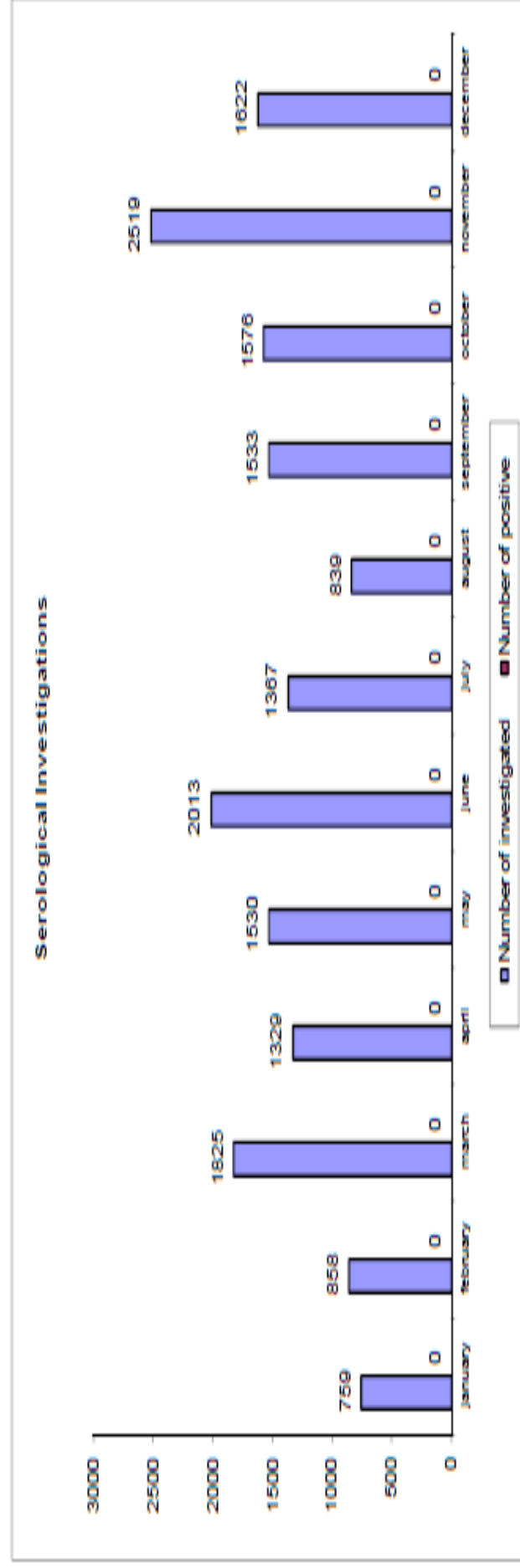
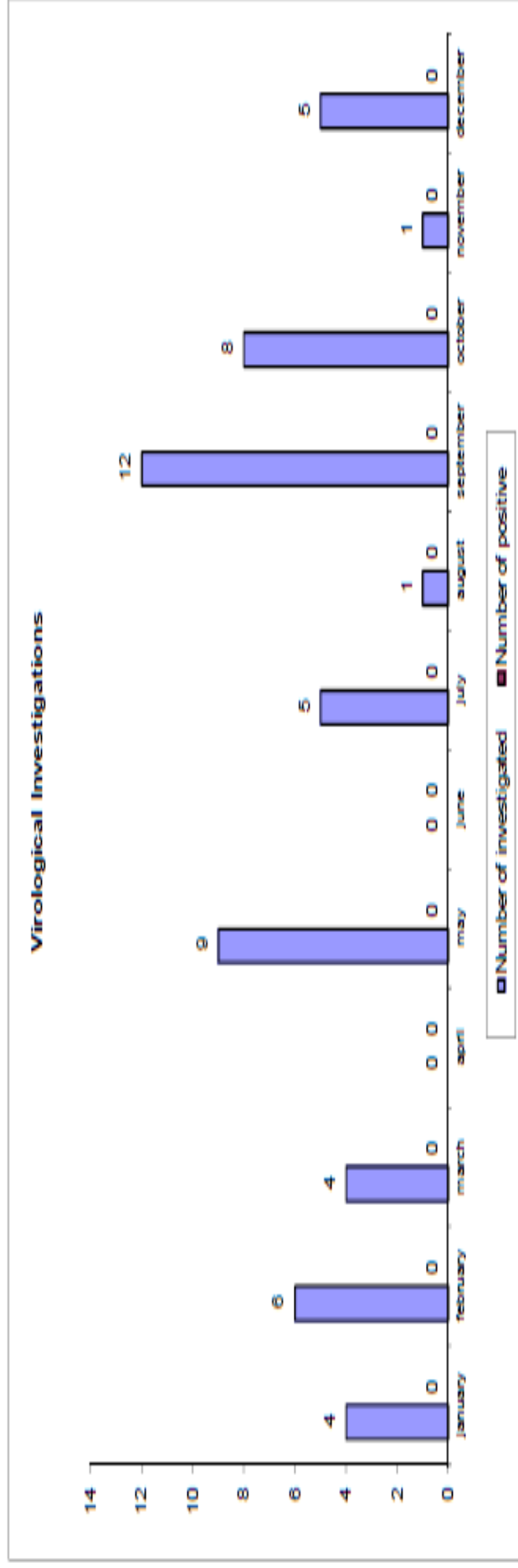


Laboratory Investigations of CSF in domestic swine in Slovakia 1998 – 2013

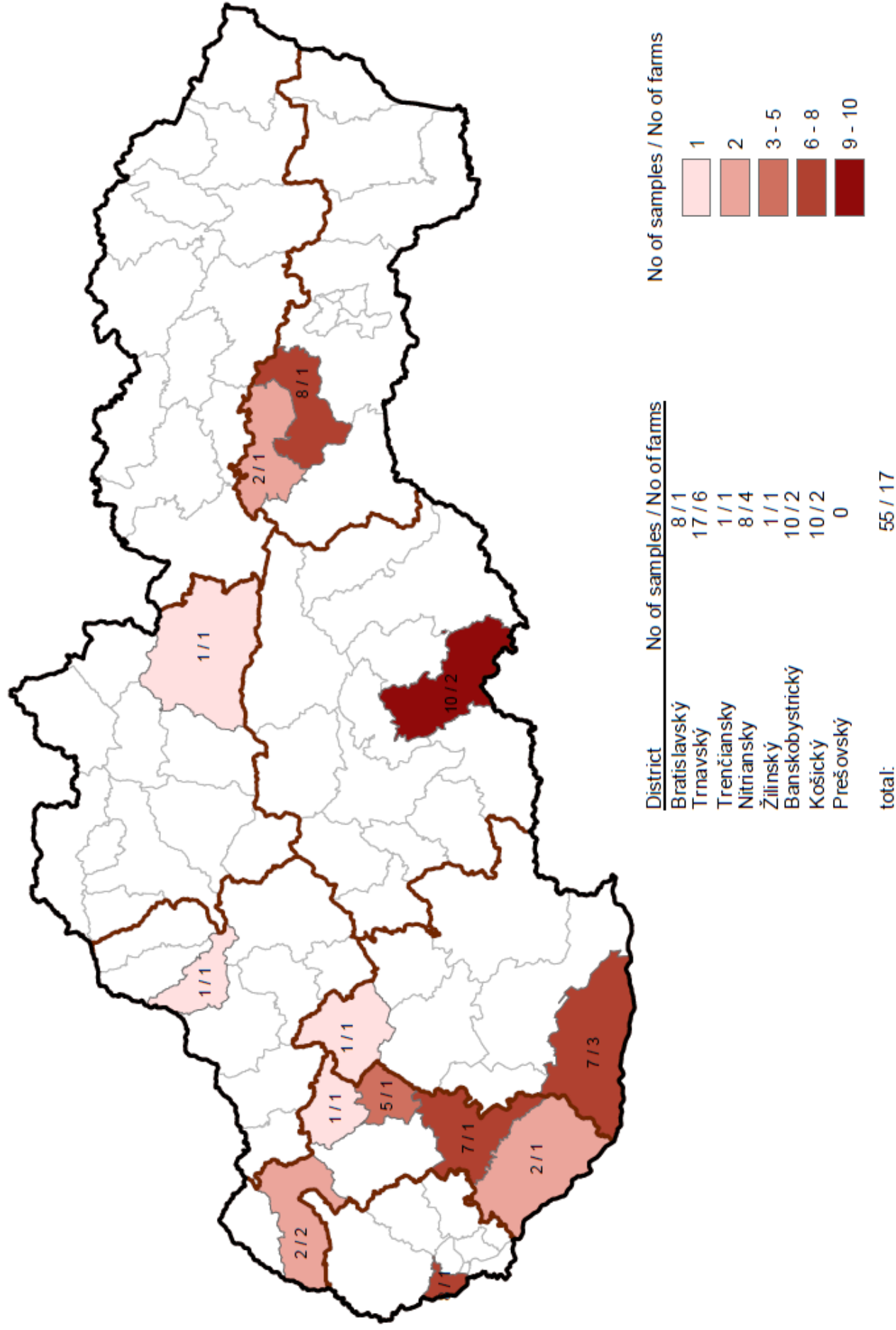
Serological investigation



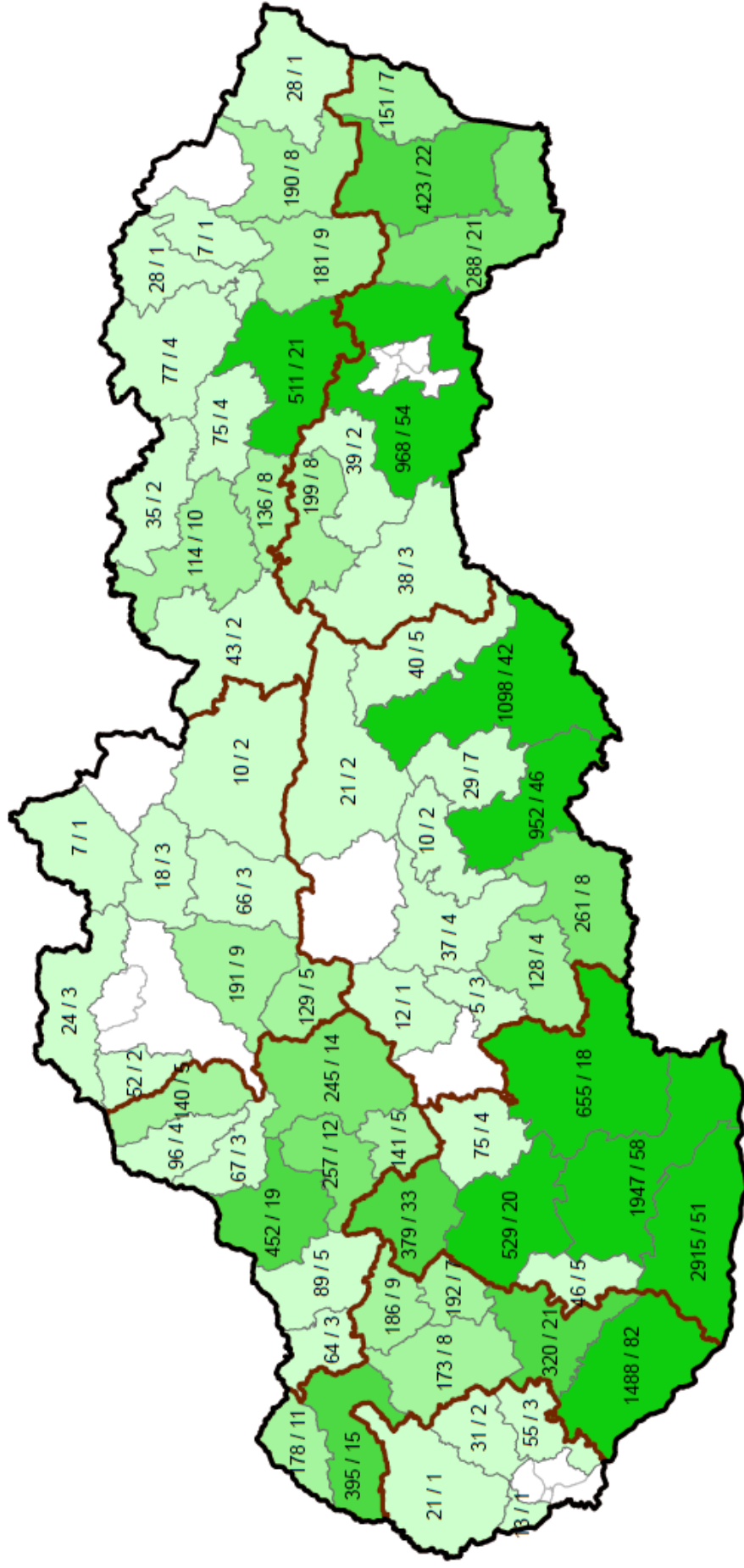
Laboratory Investigations of CSF in domestic swine in Slovakia during 2013



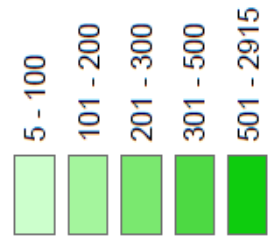
Geographical distribution of swine samples investigated for CSF virus in Slovakia during 2013



Geographical distribution of swine samples investigated for CSF antibodies in Slovakia during 2013



No of samples / No of farms



District

No of samples / No of farms

District	No of samples / No of farms
Bratislavský	120 / 7
Trnavský	2932 / 153
Trenčiansky	1551 / 70
Nitriansky	6546 / 189
Žilinský	497 / 28
Banskobystrický	2593 / 124
Košický	2106 / 117
Prešovský	1425 / 71
total:	17770 / 759

**Monitoring of CSF in wild
boars –Slovak Republic -2013**



**The measures are focused on an all-year shooting of
boar game and the monitoring of CSF**

- **in the category of young boars and one year old boars;**
- **all sick and suspicious wild boar;**
- **perished boar;**
- **killed adult boar according to an approved hunting plan.**

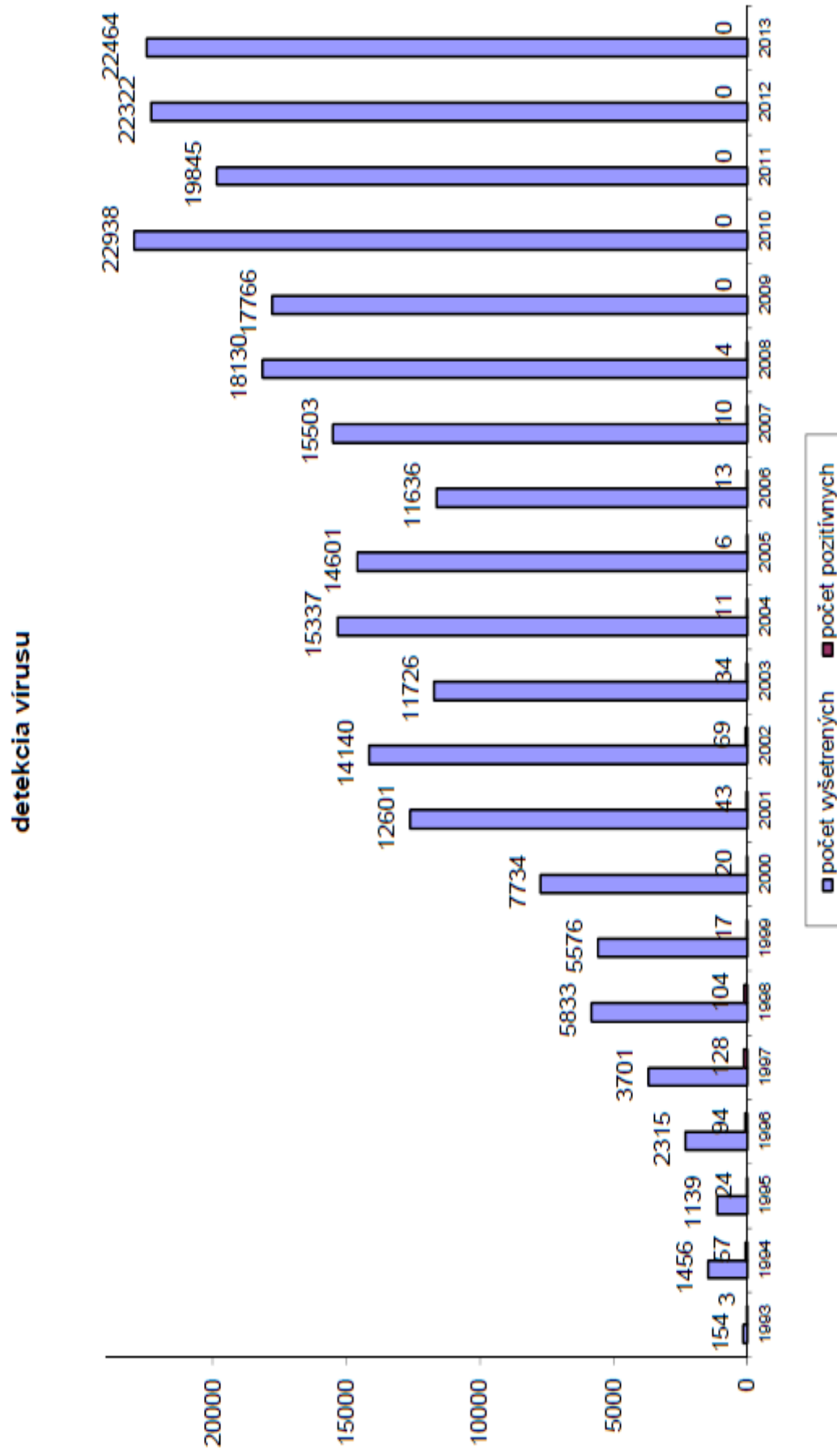
Monitoring has been performed:



- **in „higher risk“ area in all hunted and perished wild boar**
- **in „lower risk“ area in all hunted and perished wild boar in the period from 1 February till 15 July, and after this date the extent of the monitoring has been determined by the DVFA based on the fulfilment of the monitoring in the period February – July, however minimum in 20 % from hunted wild boar and in all perished wild boars**

Laboratory Investigations: CSF in wild boars in Slovakia; period 1993 – 2013

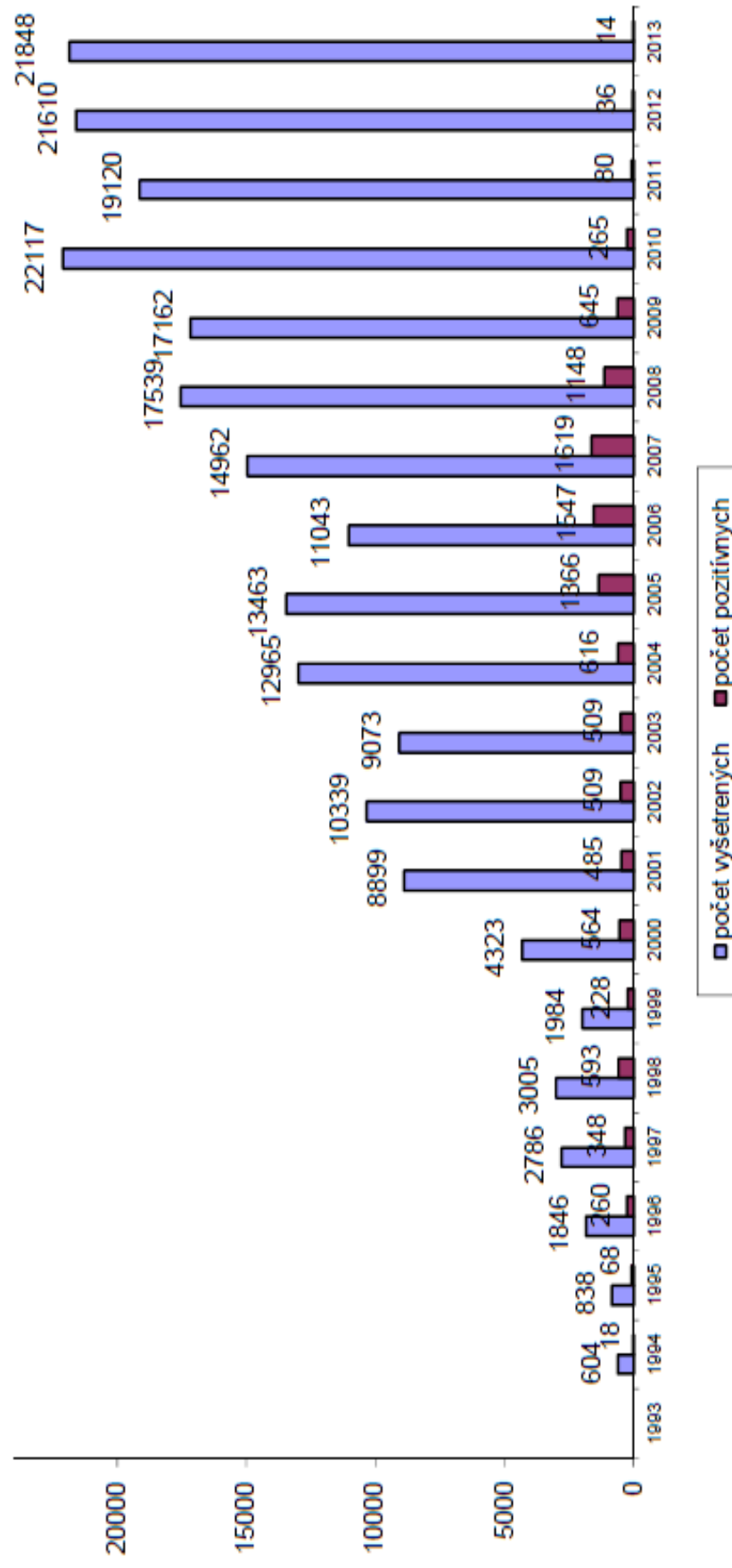
Virological investigation



Laboratory Investigations: CSF in wild boars in Slovakia; period: 1993 – 2013

Serological investigation

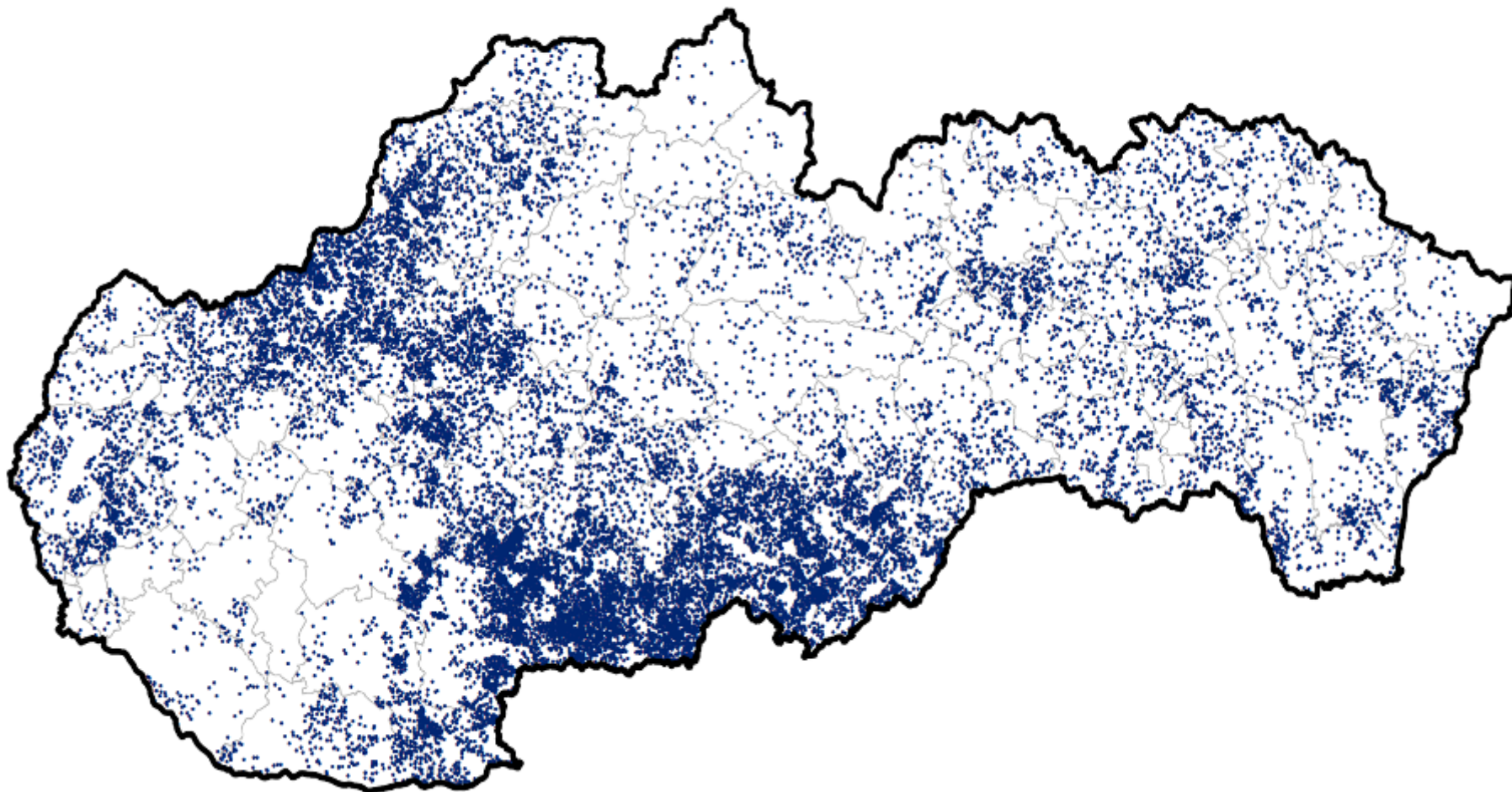
detekcia protilátok



Laboratory Investigations of CSF in wild boars in Slovakia in 2013

**Geographical origin of samples submitted for CSF virological investigations
in Slovakia in 2013**

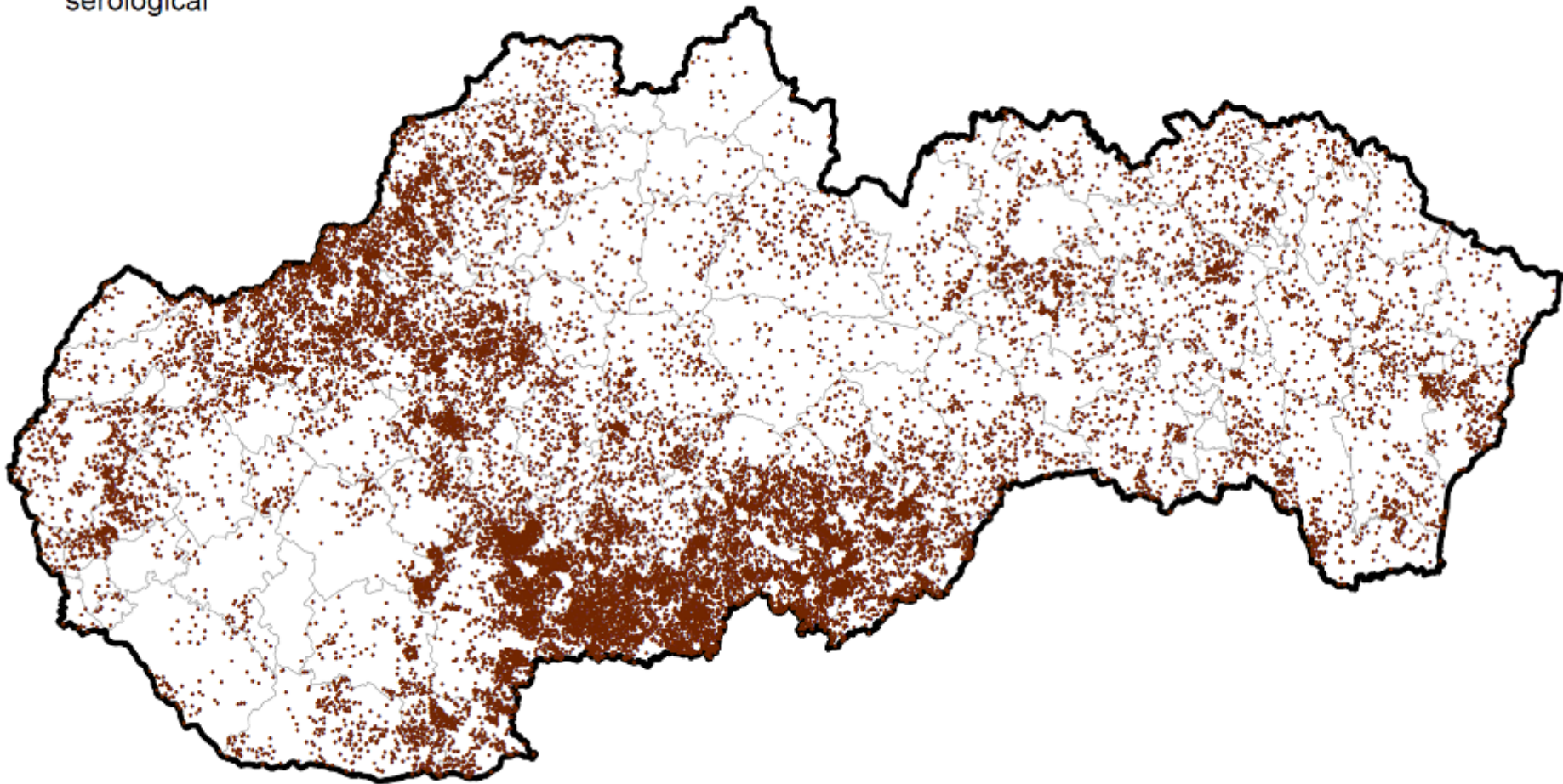
virological



Laboratory Investigations of CSF *in wild boars in Slovakia in 2013*

**Geographical origin of samples submitted for CSF serological investigations
in Slovakia in 2013**

serological



Oral vaccination - wild boars - year 2013

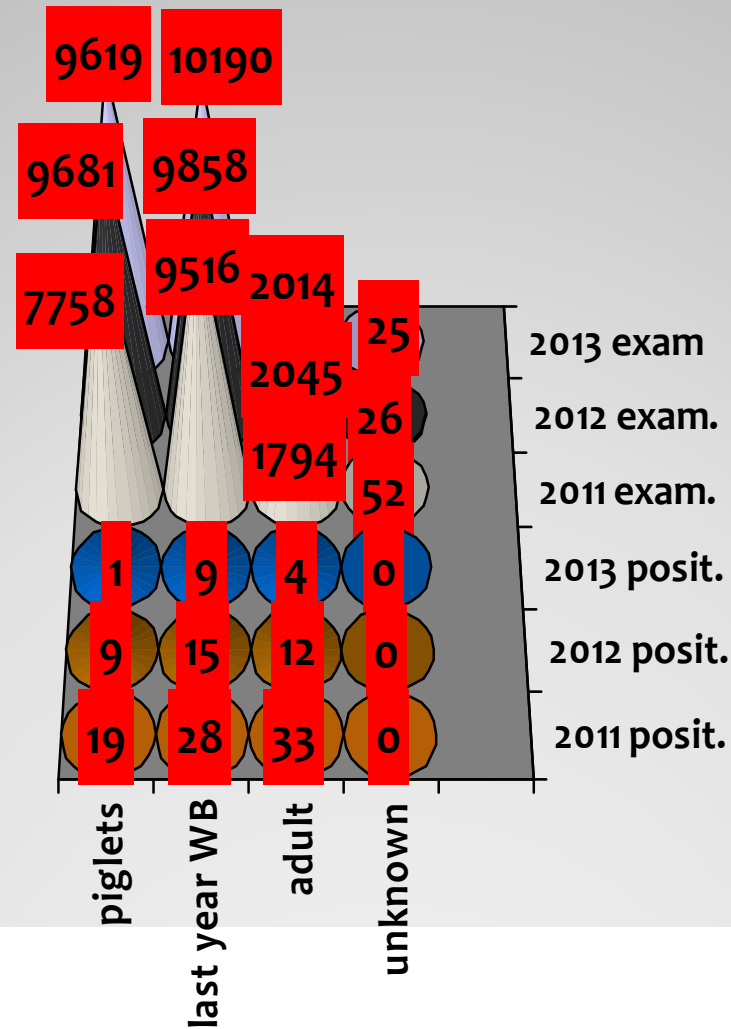
The same situation as in previous years (2010-2012)

Vaccination has not been performed

Nevertheless emergency vaccination in wild boars is included in plan and can be performed based on the decision of expert group for CSF depending on the epidemiological situation



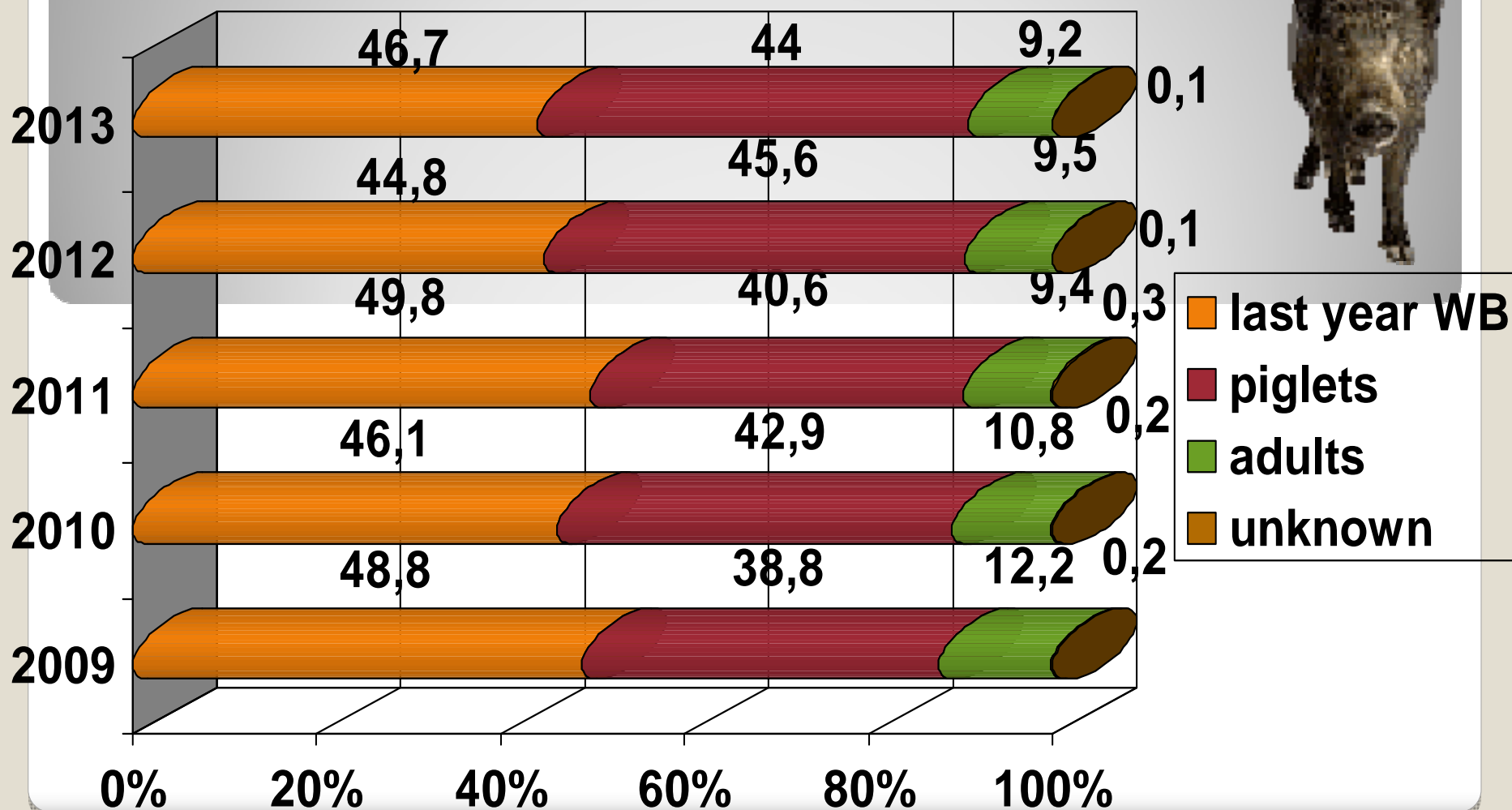
**CSF - Monitoring in wild boars population according age groups
in the Slovak Republic - years 2011 -2013**
(serological investigation)



CSF - MONITORING IN WILD BOARS POPULATION ACCORDING AGE GROUPS IN THE SLOVAK

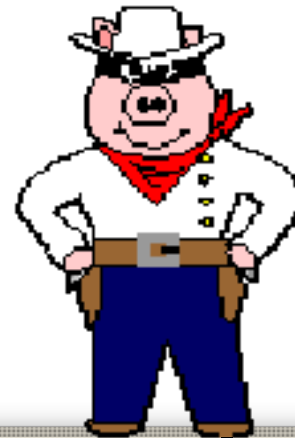
REPUBLIC Percentage of each category- comparision

2009/2010/2011/2012/2013



Financial aspects of the programme - 2013

- **compensation for shooting of WBs and for delivery of samples for CSF examination**
- **compensation for virologically positive hunted and found perished WBs (whole territory of the SR)**
- **laboratory diagnostics – domestic pigs and WBs**
- **Possible emergency vaccination of wild boars**
- **Slovak budget and co-financing procedure from the EU budget**



Requirements for final reports - 2013

Data on infection

Disease/species	Number of herds infected	Number of animals infected
CSF/dom. swine	0	0
CSF/wild boars	-	0



Disease/species	Reason	Number of herds suspended
CSF/swine		0

Requirements for final reports

Member State: Slovak Republic – year 2013



Disease/species	Test	Type of sample	Type of test	Number of tests performed
CSF/swine	AB- ELISA	blood	surveillance	17 770
CSF/swine	Isolation of virus	organs	surveillance	0
CSF/wild boars	AB-ELISA	blood	surveillance	21 848
CSF/wild boars	Isolation of virus	organs	surveillance	22 477

Number of tests performed

2010-2013



■ 2013
■ 2012
■ 2011
■ 2010

**WB/Virus
isolation**

22477
22322
19845
21863

WB/AB ELISA

21848
21610
19120
21123

**Swine/AB
ELISA**

17770
17629
15049
15493

0 5000 10000 15000 20000 25000

3. Financial aspects:
3.1. ANNEX VII

FINAL FINANCIAL REPORT AND PAYMENT APPLICATION

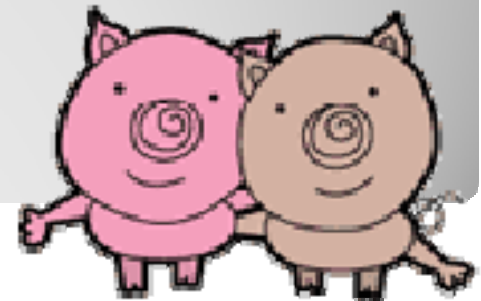
Member State: Slovak Republic **Date:** 30. 4. 2014 **Year:** 2013 **Reporting period:** Final report
Disease / zoonosis: CSF **Species:** domestic pigs, wild boars

Region ^(a)	Measures eligible for co-financing ^(b)					
	Compensation	Laboratory analysis or other diagnostic test	Sampling	Vaccines	Other (please specify)	
I	2	3	4	5	6	
Slovak Republic		AB- ELISA – swine, wild boars 38 894 samples for 175 023 €	domestic pigs 8 523 €			
		Isolation of virus - wild boars 22 477 samples for 366 375,10 €	wild boars 112 385 €			
Total costs		541 398,10 €	120 908 €			



Activities and challenges in the future I.

- to preserve current health status (role of the official (private) veterinarians veterinary supervision, veterinary certification, movement controls, imports, exports)
- **Retention of intensive CSF monitoring programme in wild boars and domestic pigs**
- **Maintenance strict biosecurity measures on the farms – owners and farmers responsibility**





Activities and challenges in the future II.

- **Training programmes for hunters**
- **Exchange of views and co-operation mainly with the experts of neighboring countries and COM as well**
- **Preparedness for vaccination in wild boars (in the case of emergency situation)**

***Thank you
for your attention***

