

GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



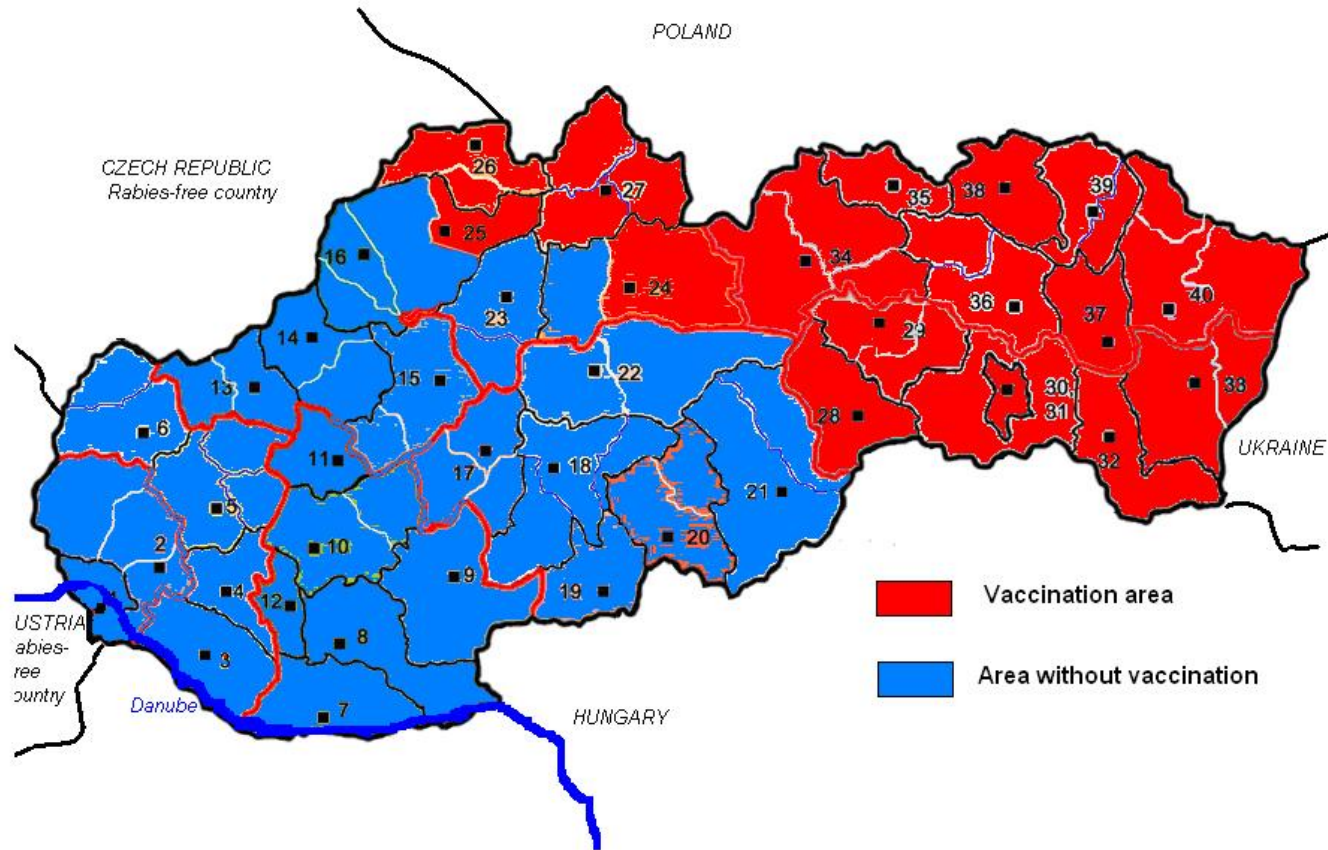
Food and Agriculture
Organization of the
United Nations

Oie
WORLD ORGANISATION
FOR ANIMAL HEALTH

Session on rabies surveillance SGE LSD9, Athens, 17 October 2019

Report by Slovak Republic

Map of the vaccination area



2019 - spring campaign - 312 500 baits by air distribution (cca 12 500 km²), 3 900 baits by hand distribution (cca 208 km²)
- autumn campaign - 347 250 baits by air distribution (cca 13 890 km²), 3 900 baits by hand distribution (cca 208 km²)



Legend of map

1	Bratislava	13	Nové Mesto nad Váhom	28	Rožňava
2	Senec	14	Trenčín	29	Spišská Nová Ves
		15	Prievidza	30	Košice – mesto
3	Dunajská Streda	16	Púchov	31	Košice – okolie
4	Galanta			32	Trebišov
5	Trnava	17	Žiar nad Hronom		
6	Senica	18	Zvolen	33	Michalovce
		19	Veľký Krtíš	34	Poprad
7	Komárno	20	Lučenec	35	Stará Ľubovňa
8	Nové Zámky	21	Rimavská Sobota	36	Prešov
9	Levice	22	Banská Bystrica	37	Vranov nad Topľou
10	Nitra			38	Bardejov
11	Topoľčany	23	Martin	39	Svidník
12	Šaľa	24	Liptovský Mikuláš	40	Humenné
		25	Žilina		
		26	Čadca		
		27	Dolný Kubín		



Surveillance

Surveillance												
+ = number of rabies positive cases I = number of tests in indicator animals NI = number of tests in non-indicator animals												
	2016			2017			2018			2019		
	+	I	NI	+	I	NI	+	I	NI	+	I	NI
Slovak Republic vaccinated area	0	179	850	0	231	973	0	203	466	0	97	300
Slovak Republic non vaccinated area	0	434	662	0	233	544	0	231	0	0	110	0

- Indicator animals = animals that show clinical signs or abnormal behaviour suggestive of rabies, animals found dead, road kills and animals involved in human exposure
- If the data cannot be broken down by region, provide it for all the vaccination area



Monitoring of the effectiveness of the vaccination

Monitoring pressure				
Number of foxes and raccon dogs hunted/100 km ² of the vaccination zone (target=4 foxes/100 km ²)				
	2016*	2017*	2018	2019
Slovak republic Vaccination area	1512	1517	466	300

*whole territory = vaccinated and non vaccinated area

- Monitoring: samples taken from hunted healthy foxes to check bait consumption and serology
- If the data cannot be broken down by region, provide it for all the vaccination area



Monitoring of the effectiveness of the vaccination

Monitoring: <u>bait consumption</u>								
T = number of tested foxes and raccon dogs (biomarker) %+ = percentage of positive test results (biomarker)								
	2016		2017		2018		2019*	
	T	%+	T	%+	T	%+	T	%+
Slovak Republic vaccinated area – foxes	537	70,2	505	66,1	485	61,9	264	66,29
Slovak Republic vaccinated area – raccon dogs	15	46,7	14	42,9	7	14,3	1	0

* 1st semester of 2019



Monitoring of the effectiveness of the vaccination

Monitoring: <u>serology</u>								
T = number of tested foxes and raccon dogs (serology) %+ = percentage of positive test results (serology)								
	2016		2017		2018		2019*	
	T	%+	T	%+	T	%+	T	%+
Slovak Republic vaccinated area – foxes	535	41,9	501	41,1	484	34,3	263	25,9
Slovak Republic vaccinated area – raccon dogs	15	33,3	13	30,8	7	28,6	1	0

* 1st semester of 2019

