## **Rabies Programme Implementation**

## **GREECE**

# Ministry of Rural Development and Food Directorate General of Veterinary Medicine

Animal Health Directorate Department of Zoonoses

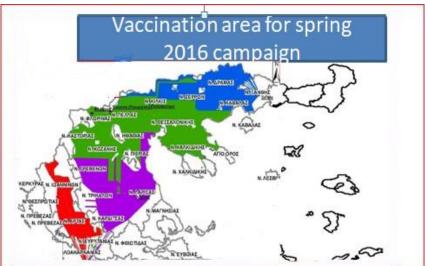
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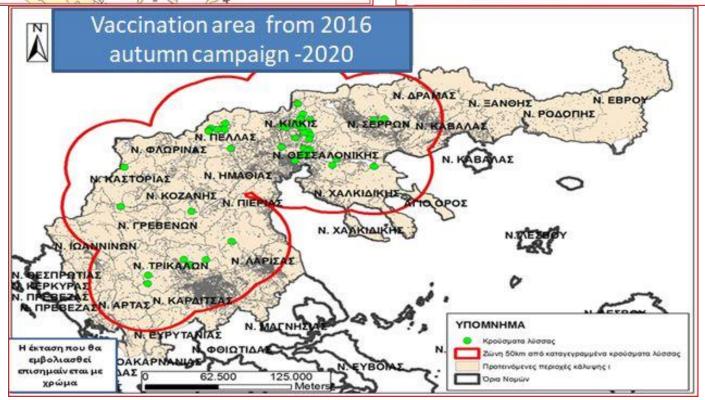
## Oral rabies vaccination campaigns

Year	Campaign carried out		Spring campaign		Autumn campaign		Area covered		Comments	
	YES	NO	Start Date	End Date	Start Date	End Date	Whole country	Other		
2012									not planned-1rst case in 2012	
2013	Х		-	-	11/10	17/12	-	<b>54584</b> km²	Only autumn campaign	
2014	х		-	-	10/11	13/1/15	-	<b>54313</b> km²	Only autumn campaign	
2015	Х		-	-	04/11	22/12	-	<b>53999</b> km²	Only autumn campaign	
2016	x		01/04	13/05	21/10	19/11	-	<b>40473</b> km² spring/ <b>54608</b> km² autumn	(spring ORV density 20-22 baits/ km², limited vaccine availability by the producer company)	
2017	х		02/04	20/05	10/10	05/11	-	<b>54555</b> km² spring/ <b>54555</b> km² autumn	-	
2018	х		02/04	26/04	03/10	07/11	-	<b>54823</b> km² spring/ <b>54962</b> km² autumn	-	
2019	х		03/04	11/05	10/10	09/11	-	<b>54834</b> km² spring/ <b>54649</b> km² autumn	-	
2020	Х		12/05	07/06	planned	planned	-	<b>54769</b> km² spring/ autumn ORV, pending	(Spring ORV campaign delayed, due to COVID-19 restrictions)	

### Evolution of the vaccination area







## **Passive Surveillance** years 2012-2019



Number of samples for the years 2012-2019. Last case in 2014.

## Surveillance for the year 2019

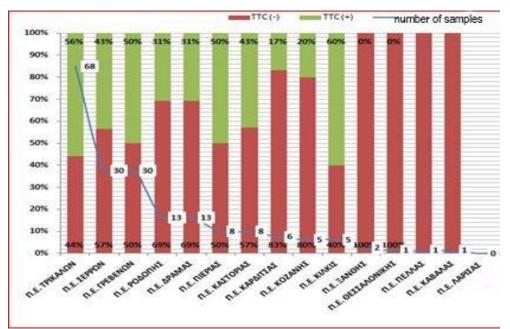
year	Number of animals-passive surveillan		Number of tested active surveillan (number of blood stested for serocons	ce samples	Number of tested animals- active surveillance (number of blood samples tested for biomarker presence)	
	negative	positive	Negative (seroconversion)	Positive (seroconversion)	Negative (biomarker)	Positive (biomarker)
2019 10th, 11th	790	0	201	232	123	369

- Passive surveillance: tests performed in suspect and dead animals
- Active surveillance: tests performed in healthy hunted animals in the frame of the monitoring programme to verify effectiveness of vaccination

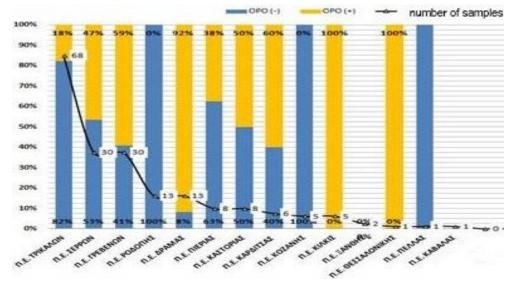
Passive Surveillance for the year 2019 Passive surveillance 2019 in Greece (Number of samples) > 50 samples (Serres, Grevena, Drama) 10-50 samples (Pieria, Kastoria, Thessaloniki, Pella, Evros, Karditsa, Trikala, Kilkis, Attiki, Florina, Rodopi, Chalkidiki, Ioannina) 1-9 samples (Xanthi, Kozani, Larisa, Kavala, Ilia, Iraklio, Lefkada, Fthiotida, Preveza, Argolida, Arkadia, Imathia, Thesprotia, Lakonia, Fokida, Magnesia) No samples

Map of sampling distribution per Regional Unit (2019)

#### 2019 Spring ORV campaing (Monitoring)

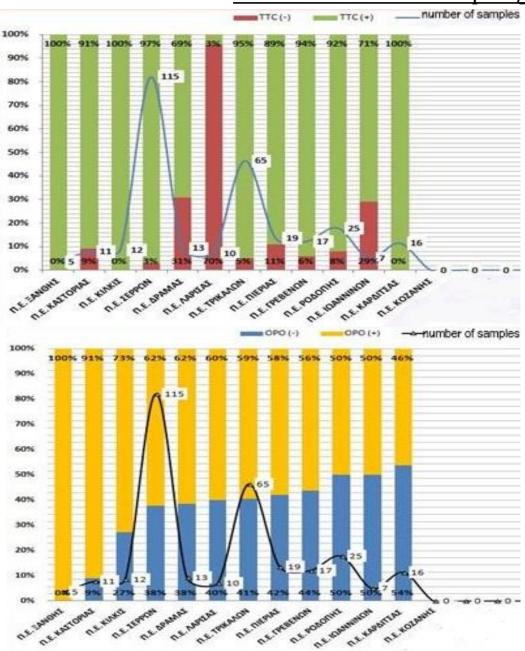


Biomarker Presence and number of samples per Regional Unit



Seropositivity and number of samples per Regional Unit

#### 2019 Autumn ORV campaing (Monitoring)



Biomarker Presence and number of samples per Regional Unit

Seropositivity and number of samples per Regional Unit

### Conclusions and Comments : ■ No rabies case has been detected since 2014. Consequent Rabies vaccinations have been implemented twice a year from 2016 to 2020. ☐ Increasing sampling in the framework of Passive surveillance. ☐ Although the number of monitoring samples is increasing, the target has not been achieved in any campaign, despite all efforts. ☐ Intensification of Passive surveillance is necessary. ☐ The bordering and/or proximity of Greece with countries that continue to notify new outbreaks maintain the risk for rabies resurgence. ☐ The continuation of the programme is of great importance. Vaccination of wildlife for their immunization should continue for the next years. ☐ There is an intention of requiring RABIES FREE status.



Thank you for your attention!!!