



Ministry of Agriculture
Veterinary and Food Safety Directorate

2018 Rabies eradication programme

CROATIA

Standing Committee on Plants, Animals and Food and Feed
(SCoPAFF)

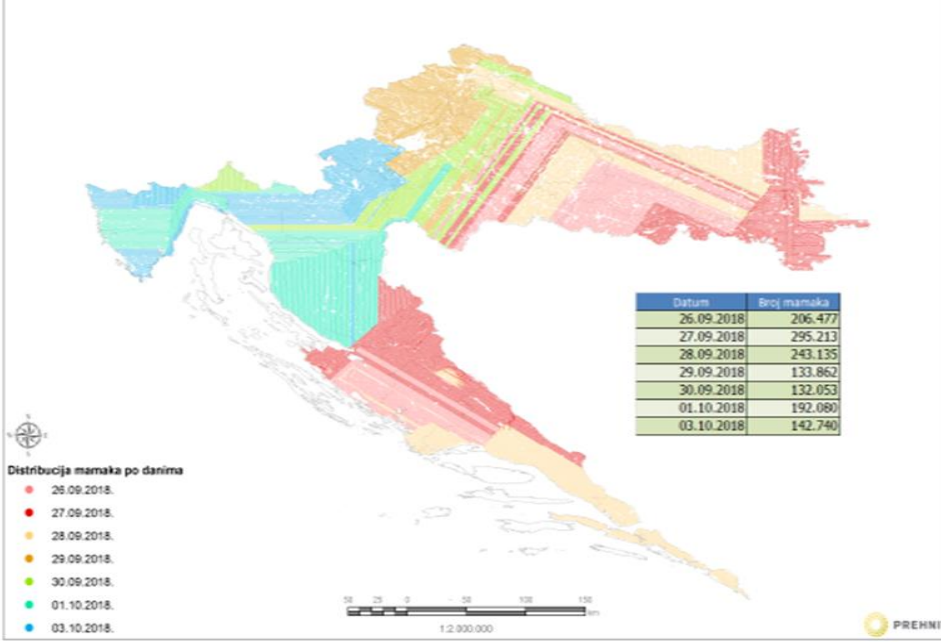
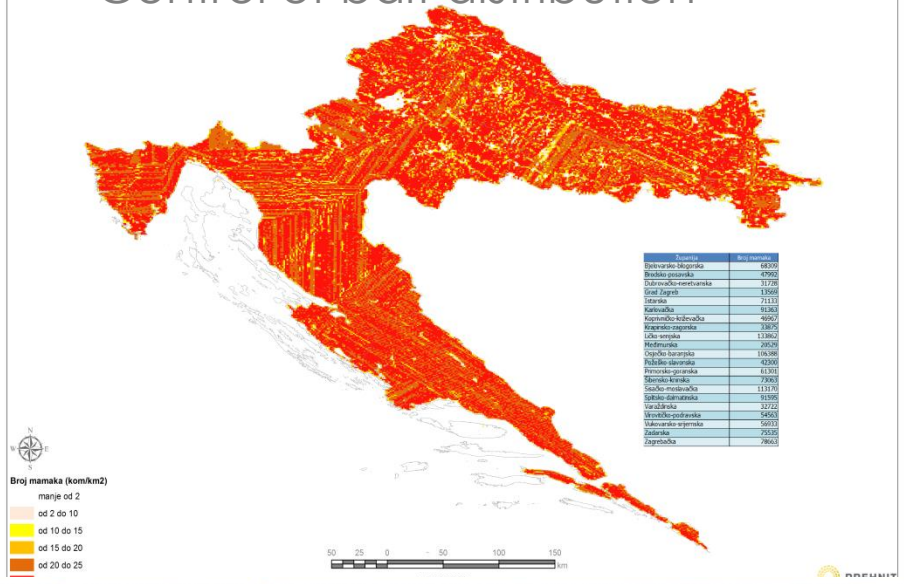
24-25 October 2019

Prepared by: Ivana Lohman Janković, Animal Health Service, Head of Service

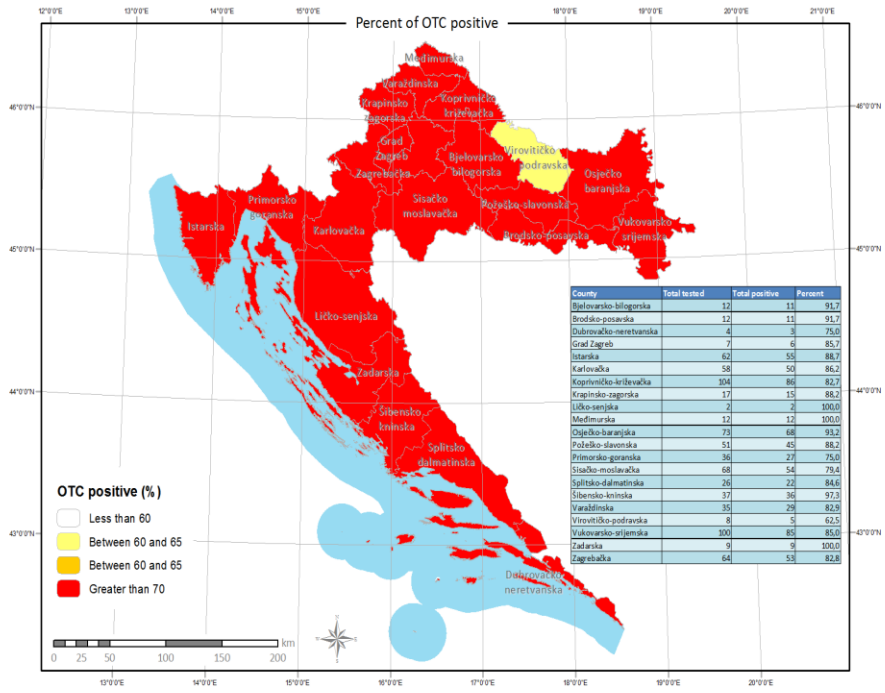
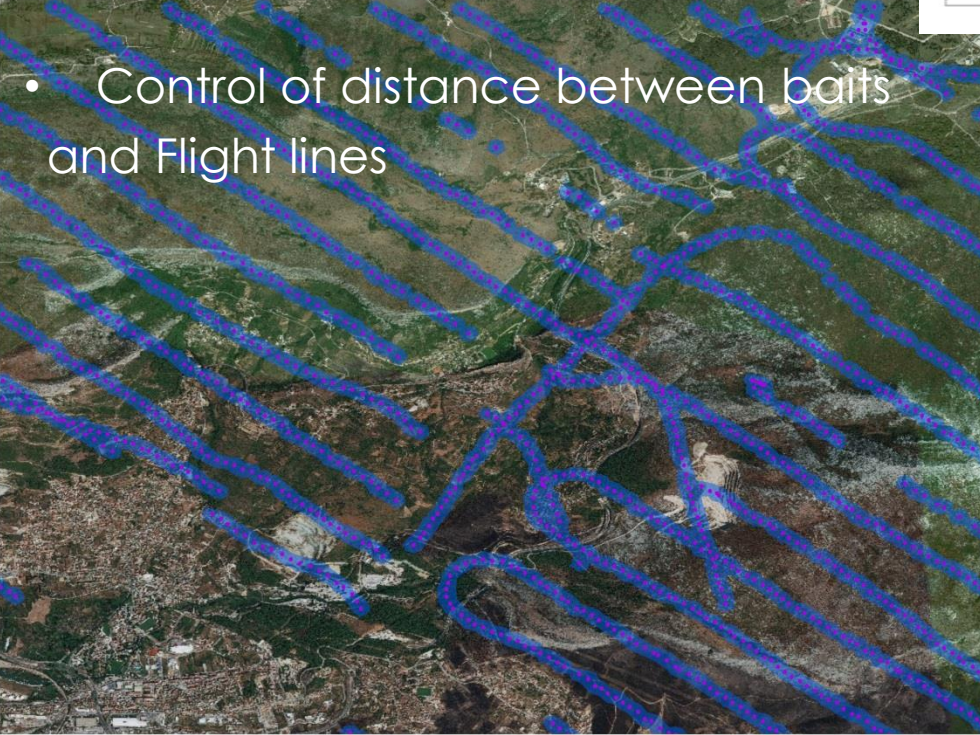
General Conditions and time period of distribution

- HR total surface: 56.542 km²
 - Distribution area on 53.317 km² (islands excluded)
- OVF – 2 campaigns/Year
 - spring 23 May - 29 May 2018
 - autumn 26 September 2018 till 03 October 2018
- Bait density = 25 baits/km²
 - Total No baits distributed/campaign 1.332.925
- Distribution by plane
 - manual distribution option in legislation but not used
- Flight line distance: 500m
 - 2 parallel flight lines / km²
- 2011 – 2019 (according to latest tender in 2018) Vaccine SAD Bern strain (Lysvulpen Bioveta CZ)

Control of bait distribution



Control of distance between baits and Flight lines



OVF MONITORING

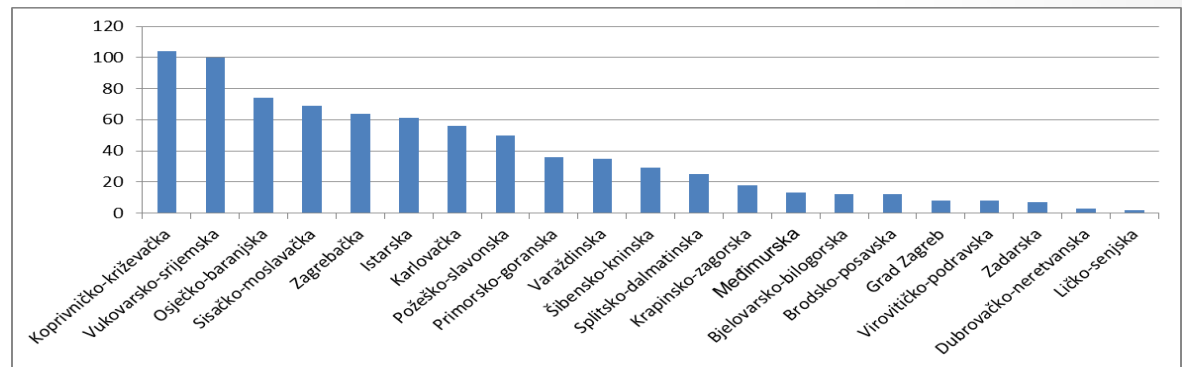
- Sample: fox and jackal carcass (certain counties)
- No of samples: 4 animals/100km²
 - A sample size set for each hunting ground in order to avoid bias in results.
 - Up-to-date information on hunting grounds and size of their concession areas are given by Directorate of Forestry, Hunting and Wood Industry
- **Total NO of samples to be tested/year: 2179**
 - **2072 foxes**
 - **191 jackal**
- Guidance on the manner of animal health control measures prescribes:
 - Obligation of hunters related to No of samples /hunting ground that must be shoot and delivered to AVO for the purpose of monitoring
 - Obligation of AVO related to control of samples, submission of samples to laboratory
 - Financial aspects
 - Laboratories included in monitoring

OVF MONITORING RESULTS

2018

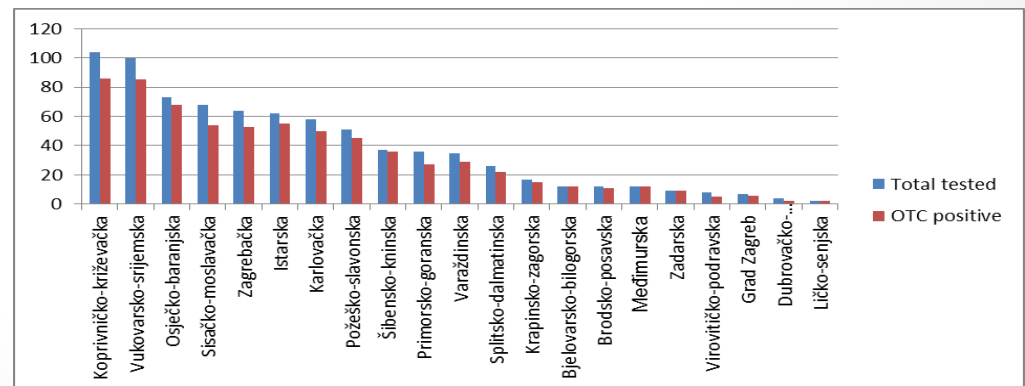
- FAT Total No tested 805 / Total No positive 0

- Fox 786
- Jackal 19



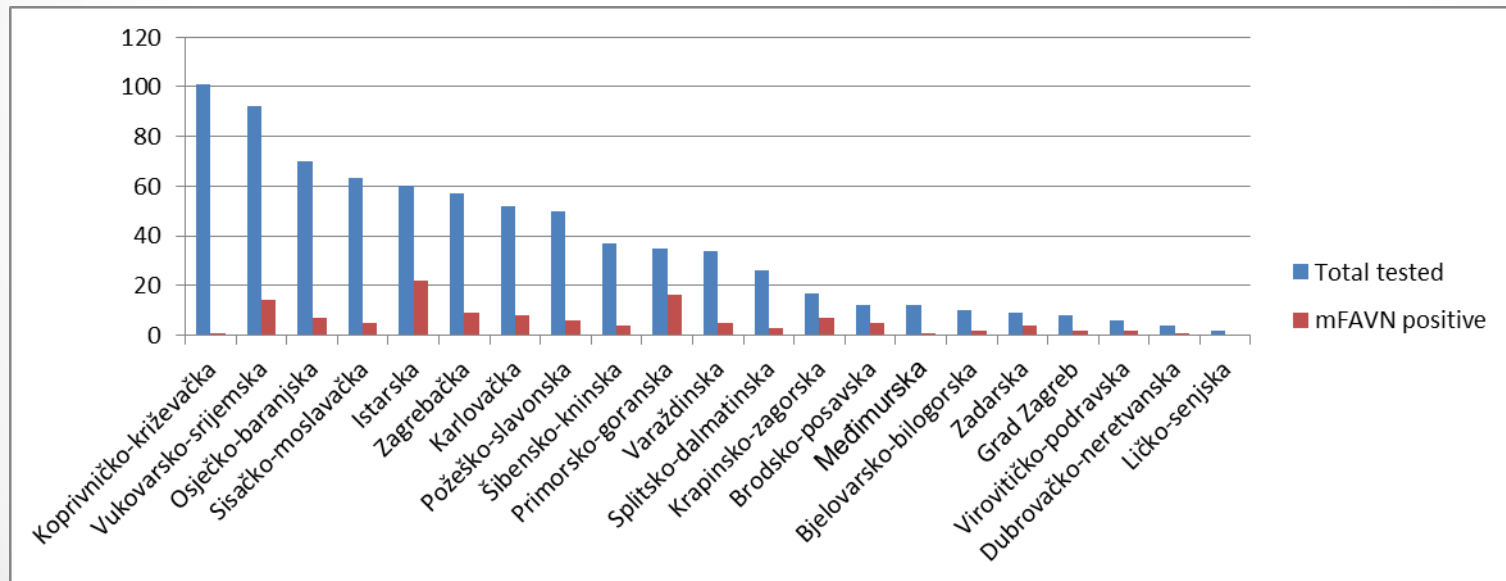
- OTC Total No tested/positive 797/684 = 85,82%

- Foxes 779/669
 - 85,87 % OTC positive
- Jackal 18/15
 - 83,33 % OTC positive



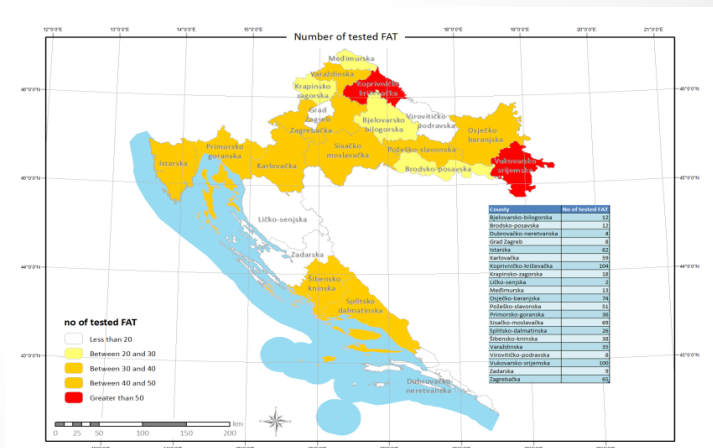
mFAVN testing results 2018

- Total No mFAVN tested/positive
- Foxes 757/123
 - 16,24 % mFAVN positive



SURVEILLANCE

- Order on measures to protect animals from infectious and parasitic diseases and the financing in 2018
- Active
 - All foxes and golden jackals regularly shoot in 2018/805
 - Fox 786
 - Jackal 19
- Passive
 - Clinical suspicions & Animals found dead (road kills, hunting grounds, holding, pasture);
 - total No tested :
 - Wildlife 193
 - Domestic 107
 - Clinical suspicion 98



CONTROL OF IMPLEMENTATION

MAIN WEAK POINTS NOTICED 2018

- No of required foxes per hunting ground (4 foxes/100 km²)
 - **Insufficient No of samples in 2018 (only 36.94% of requested)**
 - **Possibly due to „low” financial reward for hunters (13Euro/fox ;33Euro/jackal) and perception that there is no risk from rabies any more**
 - **Inadequate age of animals (majority probably under 1 y old)**
 - **No samples from southern counties**
 - **Lower interest of hunters from southern parts of the country to sent samples**
- Lack of inspections on official controls over hunting grounds (all counties)

FUTURE CHALLENGES

- Continuous raising of knowledge on rabies as well as OVF importance
- Additional impute on passive surveillance samples (info publicly available, transferring knowledge during sampling or official controls of hunting grounds)

Something o.k. from Croatia

No rabies positive cases since February 2014



Manny thanks!
...

