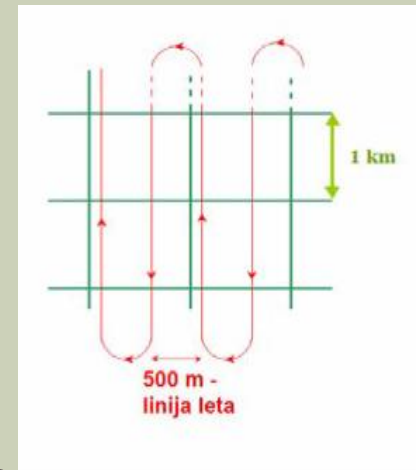


RABIES PROGRAMME 2017

Croatia

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 03rd – 18th April 2017
 - autumn 24th September 2017 till 07th October 2017
- Bait density = 25 baits/km²
 - Total No baits distributed/campaign 1.332.925
- Distribution by plain and helicopters
 - manual distribution option in legislation but not used
- Flight line distance: 500m
 - 2 parallel flight lines / km²
- 2011 – 2019 (according to new tender in 2018) Vaccine SAD Bern strain (Lysvulpen Bioveta CZ)



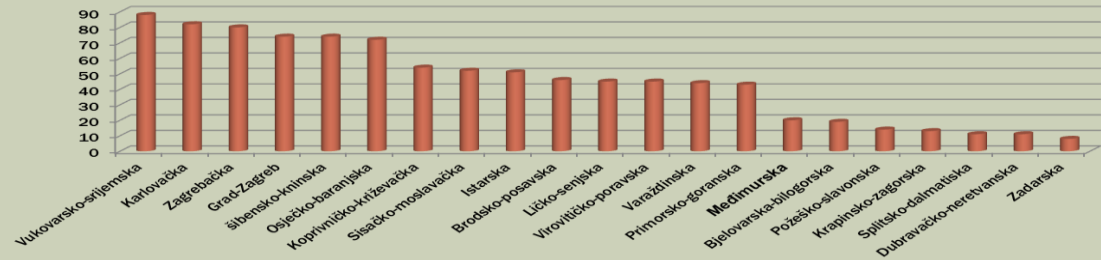
OVF MONITORING

- Sample: fox and jackal carcass (certain counties)
- No of samples: 4 animals/km²
 - 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: 2858**
 - **2645 foxes**
 - **213 jackals**
- 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 2017

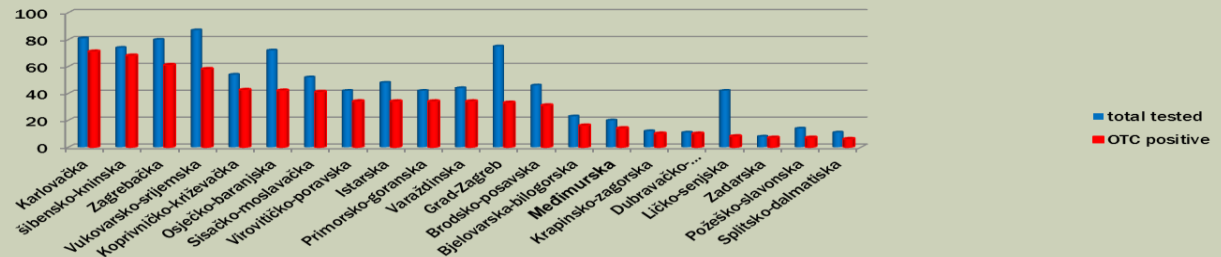
■ FAT Total No tested 873 / Total No positive 0

- Foxes 871
- Golden Jackals 2



■ OTC Total No tested/ positive per species

- Foxes 864/681
 - 78,81 % OTC positive
- Golden jackals 5/4
 - 80 % OTC positive



■ Total No animals included in age determination 873

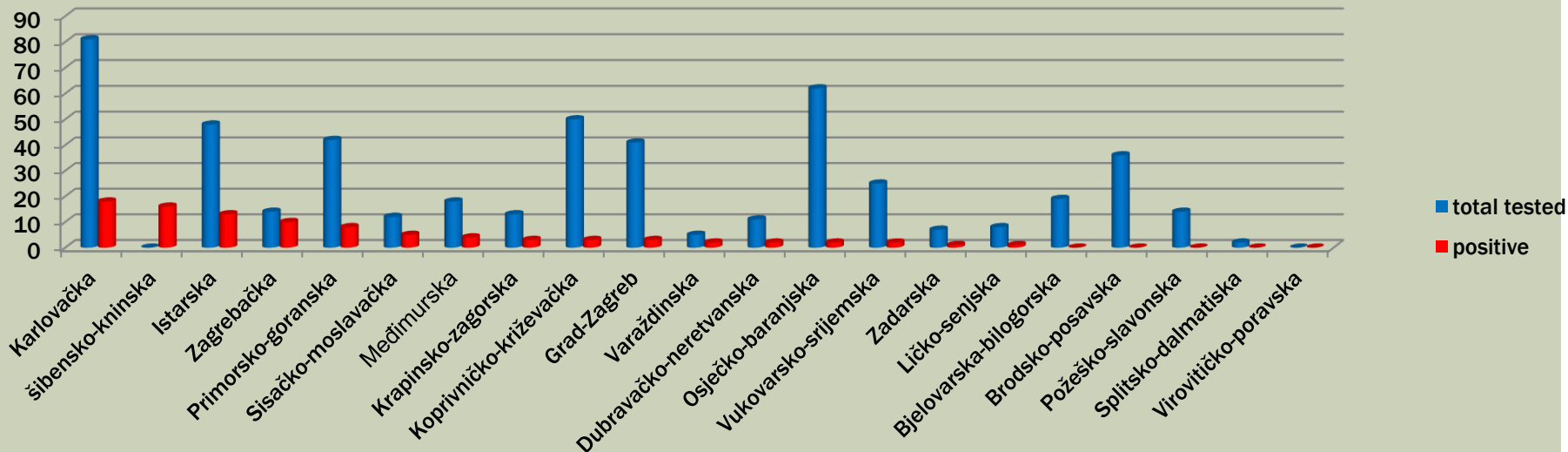
- Foxes 868
 - > 1y 687 (79,14%)
 - < 1y 181 (20,85%)
- Golden jackals 5
 - > 1y 3 (60%)
 - < 1y 2 (40%)

mFAVN TESTING RESULTS 2017

■ Total No mFavn tested/positive per age

■ Foxes 508/93

- 18,30 % mFAVN positive
- > 1y 353/82(23,22%)
- < 1y 172/11(6,39%)



CONTROL OF IMPLEMENTATION

– MAIN WEAK POINTS NOTICED 2017

- FUTURE CHALLENGES

MAIN WEAK POINTS NOTICED 2017

- No of required foxes per hunting ground (4 foxes/100 km²)
 - **Insufficient No of samples in 2017 (only 39,86% of requested)**
 - **Possibly due to delay in start of the program (late February) and „low” financial reward for hunters (13Euro/fox)and 27Euro/jackal)**
 - **Inadequate age of animals**
 - **No samples from southern counties**
 - **Lower interest of hunters from southern parts of the country to sent samples**
- Lack of inspection on official controls over hunting grounds (all counties)
- Lack of awareness on the importance of passive surveillance (not clinical signs but road kills and found dead animals) among all program stakeholders
- Lack of administrative capacity and database to follow all steps
- Cooperation with CA for Hunting since 2016/2017
 - Additional co-finance of the reduction of number of predators (foxes and jackals) in Croatia (cca 67 Euro/animal)
 - To be continued in 2018

FUTURE CHALLENGES

- Renewal of knowledge on rabies as well as OVF importance (vets and inspectors already passed education)
- Additional impute on passive surveillance samples (info publicly available, inspectors transferring knowledge during official controls of hunting grounds)
- External IT company contracted for OVF data analysis

SOMETHING OK FROM CROATIA

No rabies positive cases since February 2014



MANNY THANKS!

