

# Update on rabies surveillance and control in Croatia

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Spring 2011

HR total surface: 56.542 km<sup>2</sup>

LYSVULPEN (Rabadrop 2022) (25 baits / 1 km<sup>2</sup>), airplane distribution

Two regular vaccination campaigns carried out (spring and autumn)

≈1.332.925 vaccine baits per campaign

4 foxes /100 km<sup>2</sup> (2011-2012: 8 foxes / 100 km<sup>2</sup>)

Last case - 2014

Results of the first 6 years published



RESEARCH ARTICLE

Control and elimination of rabies in Croatia

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# SURVEILLANCE

## Active

All foxes and golden jackals\* regularly shoot

Quota! -2,200 foxes /year

## Passive

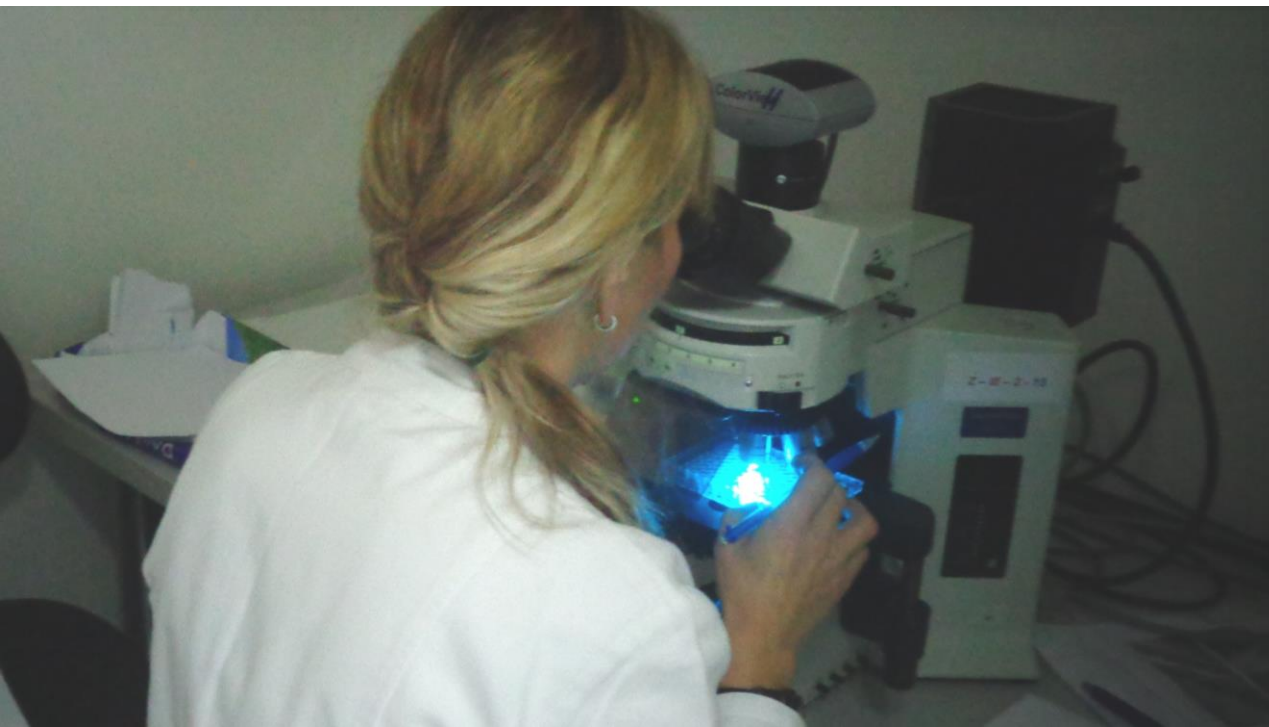
Clinical suspicion, animals found dead (roadkill...)

Foxes, martens, badgers

\*from 2017



# Methods-active surveillance



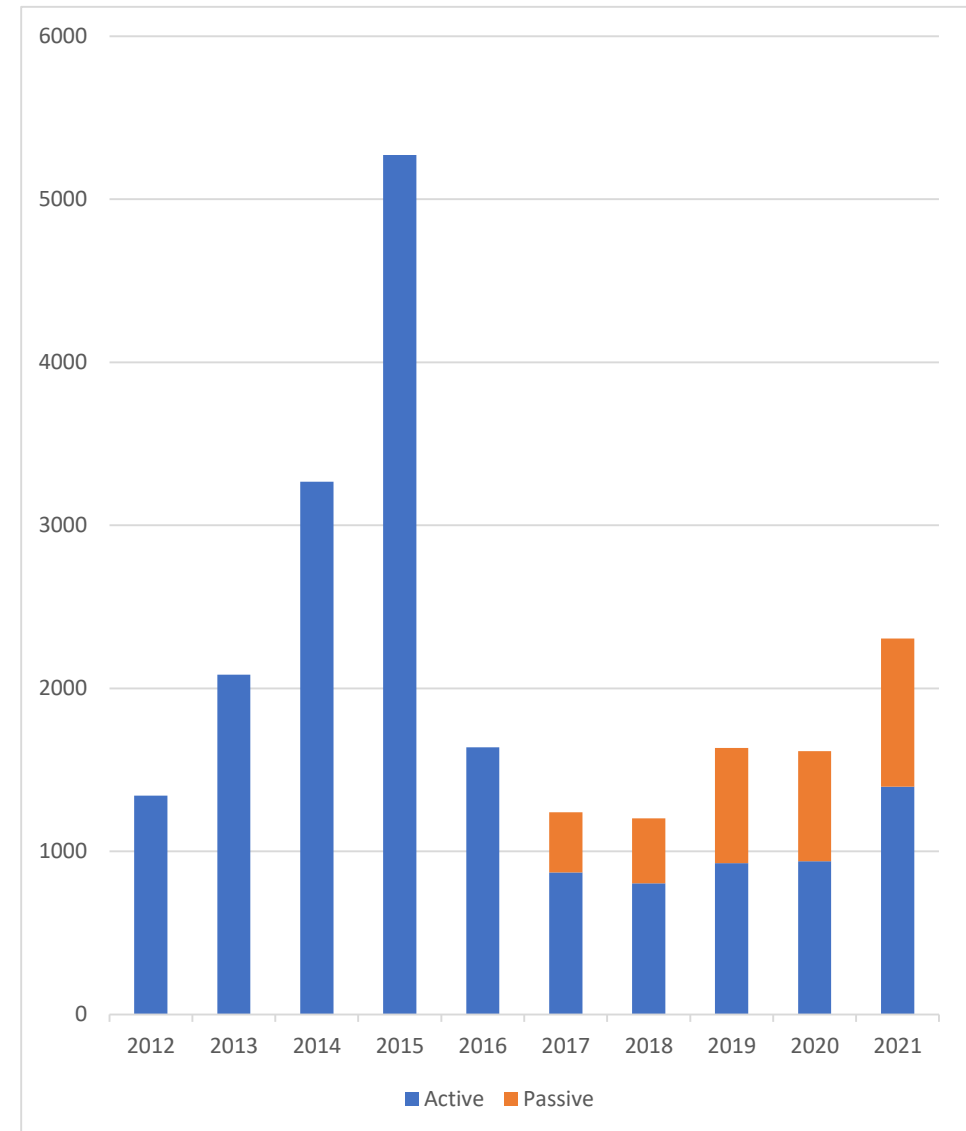
FAT

OTC /  
AGE

mFAVN

bait  
titration

- High number of samples at the beginning of the campaign
- After 2015 – significant fall
- <45% of quota
- Reasons?



| Year | No of foxes and jackals tested-passive | No of foxes and jackals tested-active | % juvenile tested | No of foxes and jackals tested OTC | Uptake level % | No of foxes and jackals tested mFAVN | mFAVN positive % |
|------|--|---------------------------------------|-------------------|------------------------------------|----------------|--------------------------------------|------------------|
| 2018 | 398                                    | 812                                   | 15.77             | 804                                | 87.7           | 793                                  | 16.07            |
| 2019 | 706                                    | 928                                   | 15.88             | 907                                | 89.96          | 867                                  | 18.6             |
| 2020 | 674                                    | 940                                   | 21.5              | 930                                | 83.9           | 847                                  | 16.5             |
| 2021 | 909                                    | 1396                                  | 24                | 1389                               | 87.6           | 1294                                 | 14.37            |
| 2022 | 170                                    | 689                                   | 22                | 639                                | 80.7           | 597                                  | 11.7             |

|      | spring | autumn |
|------|--------|--------|
| 2018 | 23.5   | 26.9   |
| 2019 | 15.3   | 17.9   |
| 2020 | 6.7    | 30.11  |
| 2021 | 30.3   | 20.9   |
| 2022 | june   |        |



„low“ financial reward

no risk of rabies

no interest from some counties, no foxes

inadequate coordination between competent authorities and hunting societies

