

# **Infection with rabies virus**

## **Epidemiological situation in Poland**



**General Veterinary Inspectorate**

**SCPAFF 11-12 February 2021**

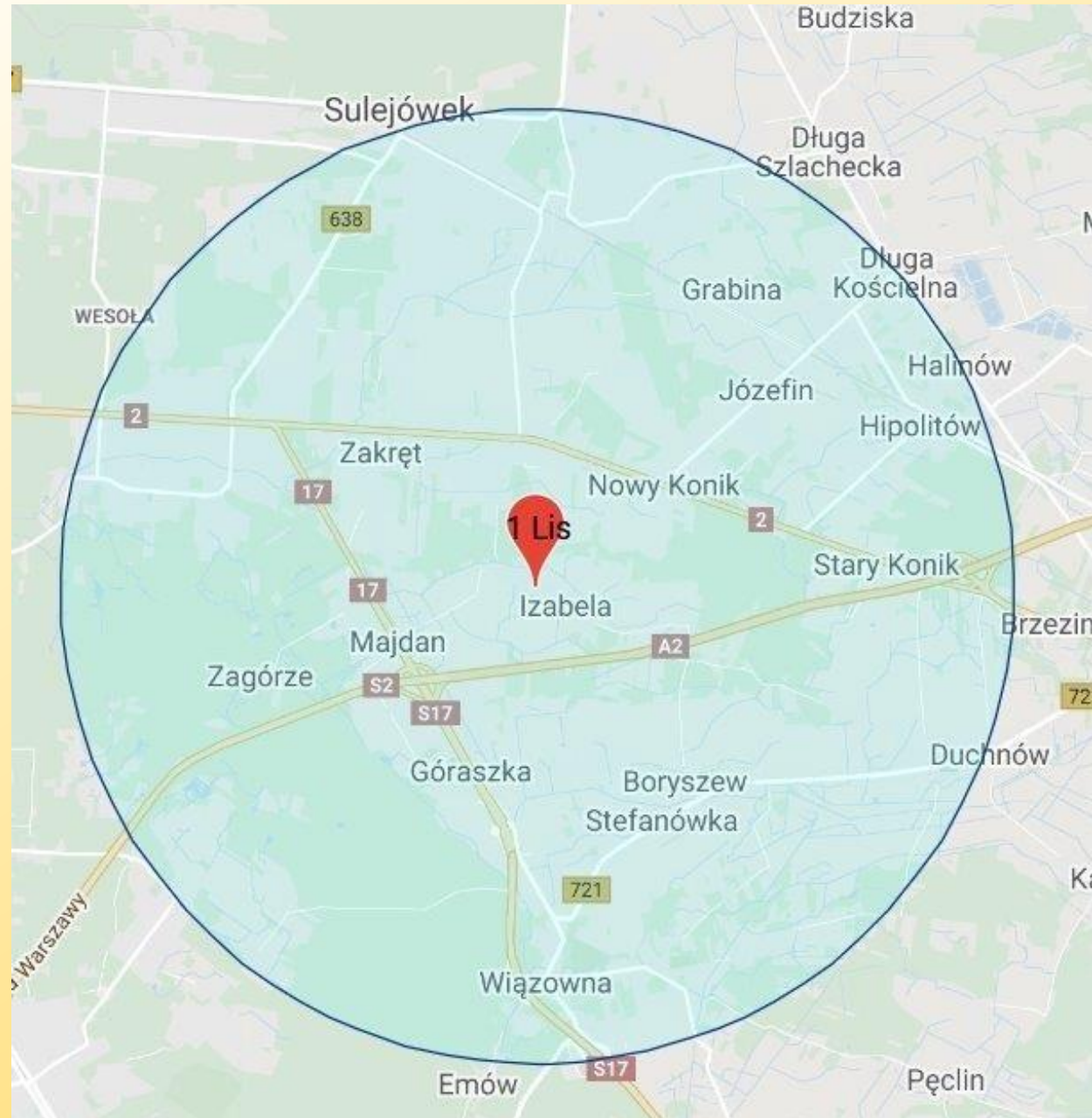
# 1st outbreak of rabies in 2021

- ADNS No. 2021/1
- Wiązowna municipality, otwocki district, Mazowieckie voivodship
- Fox (*Vulpes vulpes*), about 1 year old
- 3rd January entered private backyard and was fatally bitten by owner's dog
- 14th January positive results of fluorescent antibody test (FAT) in the Regional Laboratory in Warsaw
- Confirmation - 15th January positive results of fluorescent antibody test (FAT) in the NVRI in Puławy
- Virus characterization test – positive result for field strain

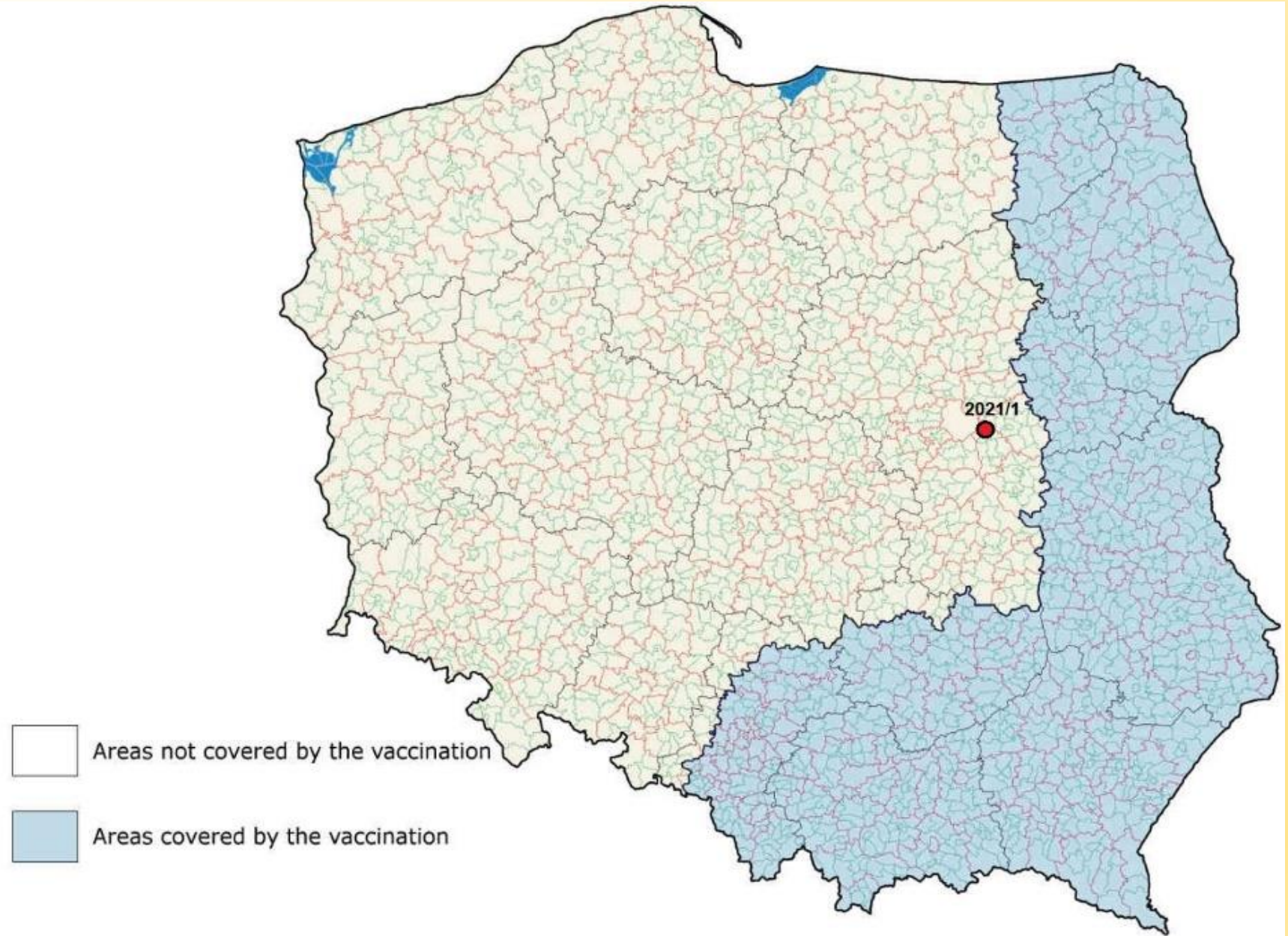
# 1st outbreak of rabies in 2021

- On the same holding 2 cows and dog kept
  - emergency vaccination against rabies in cows carried out,
  - dog euthanized- negative result of FAT on 19th January.
- Outbreak out of the oral vaccination area.
- The last vaccination campaign in otwocki district - autumn 2018
- Work is underway to designate a protection zone with a radius of 50 km, where oral vaccination against rabies among free-living foxes will be carried out

Surveillance zone  
around the 1st outbreak  
of rabies in 2021 in the  
part of otwocki district,  
miński district and  
Warszawa district



# Areas vaccinated in 2019-2020



# 1st outbreak of rabies in 2021

## Regulation on combating the rabies in certain areas:

- Surveillance zone established in part of otwocki, miński and Warsaw districts
- Marked „Warning! Area endangered by rabies of animals!”
- Prohibited: organization of fairs, exhibitions, competitions, shows with dogs, cats and other animals susceptible to rabies; organization of hunting and catching of wild game, except for sanitary shooting
- All dogs led on leashes or kept in the fenced areas
- All cats kept in the buildings
- All livestock kept in the closed areas

# Historical data on rabies in Mazowieckie voivodship

Last outbreaks in animals other than bats:

- 2004 – 1 cat
- 2003 – 2 foxes

In years 2005-2020 cases in bats only.

# 2nd outbreak of rabies in 2021

- ADNS No. 2021/2
- Stubno municipality, przemyski district, Podkarpackie voivodship
- 2.5 km from the border with Ukraine
- Wildcat (*Felis silvestris*)
- Suspicion –women beaten on 21st January
- Confirmation – 22nd January positive results of fluorescent antibody test (FAT) in the Regional Laboratory in Krosno
- District Sanitary Officer in Przemyśl informed about the contact of the women with an affected wild animal;
- Surveillance zone on the Polish side established in localities: Kalników, Starzawa in Stubno municipality and Leszno in Medyka municipality in przemyski district





# 2nd outbreak of rabies in 2021



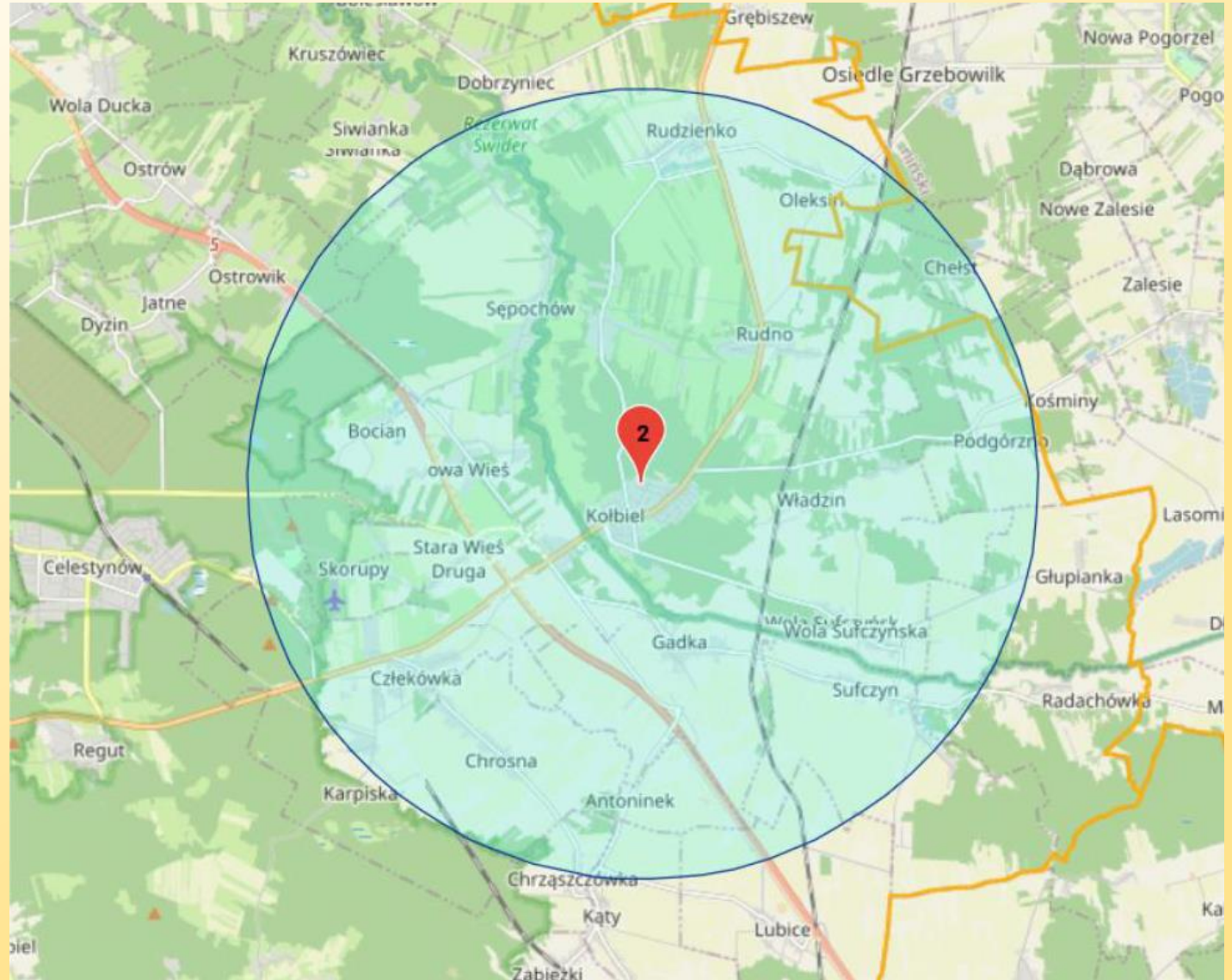
# 3rd outbreak of rabies in 2021

- ADNS No. 2021/3
- Kołbiel municipality, otwocki district, Mazowieckie voivodship
- Fox (*Vulpes vulpes*), about 4 years old
- 23rd January entered private backyard and tried to attack the owner (no exposition)
- Fox caught and euthanized by Official Veterinarian
- 26th January positive results of fluorescent antibody test (FAT) in the Regional Laboratory in Warsaw
- Confirmation - 29th January positive results of fluorescent antibody test (FAT) in the NVRI in Puławy

# 3rd outbreak of rabies in 2021

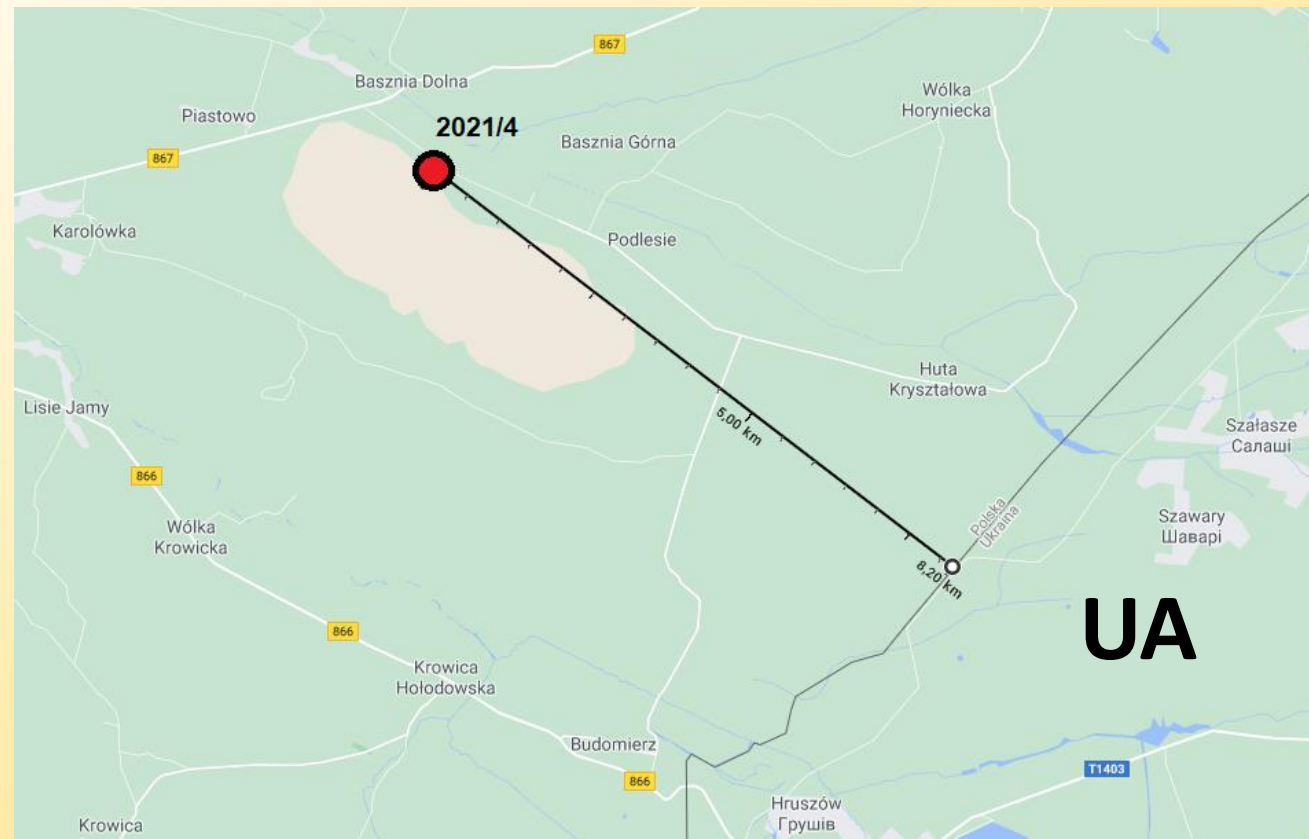
- Virus characterization test – positive result for field strain
- Outbreak out of the oral vaccination area
- The last vaccination campaign in otwocki district in autumn of 2018
- Work is underway to designate a protection zone with a radius of 50 km, where oral vaccination against rabies among free-living foxes will be carried out

Surveillance zone  
around the 3rd outbreak  
of rabies in 2021 in the  
part of otwocki district  
and miński district

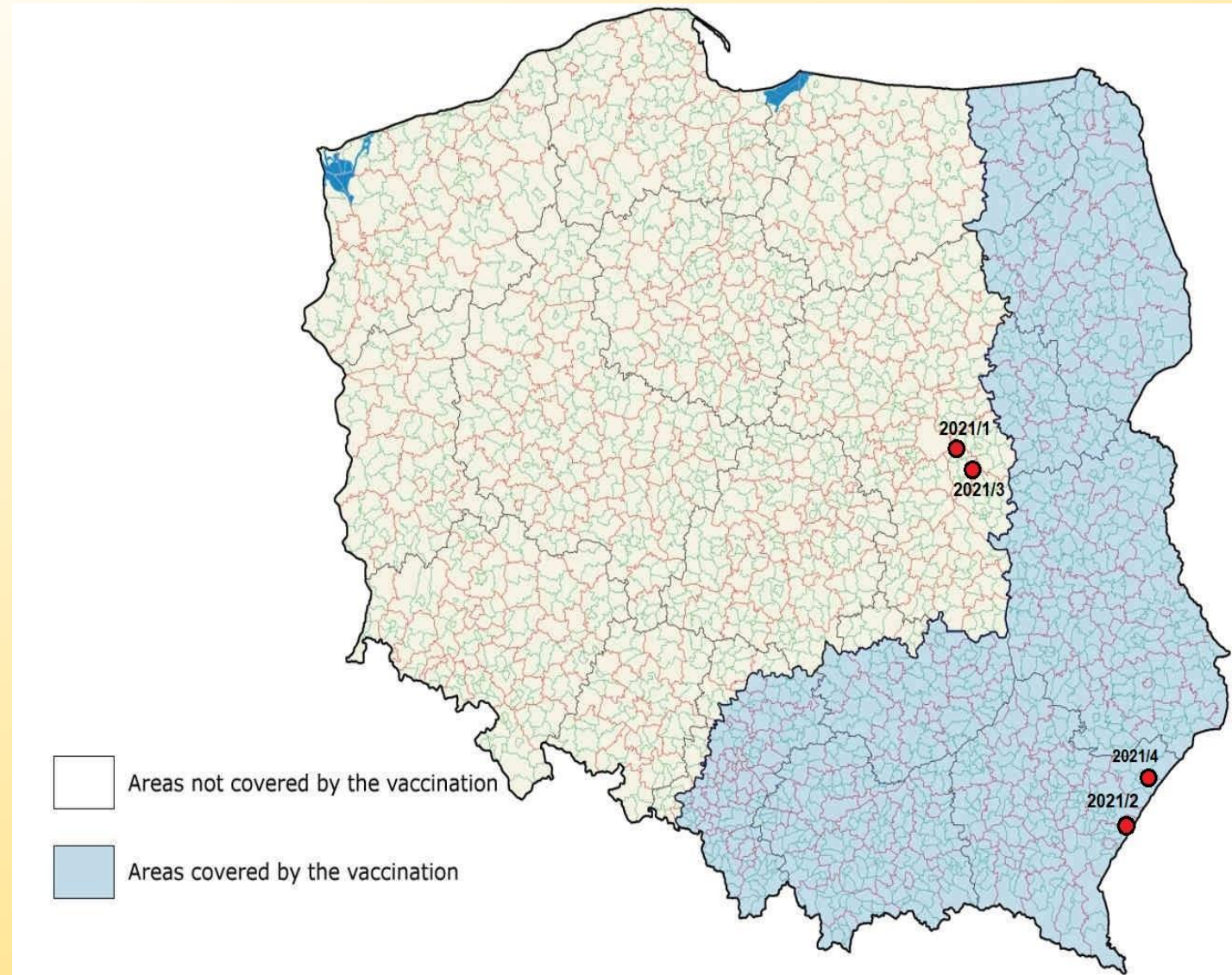


# 4th outbreak of rabies in 2021

- ADNS No. 2021/4
- Lubaczów municipality, lubaczowski district, Podkarpackie voivodship
- 8 km from the border with Ukraine
- Fox (*Vulpes vulpes*)
- 8th February report of a dead fox on private backyard
- Confirmation – 9th February positive results of fluorescent antibody test (FAT) in the Regional Laboratory in Krosno
- Virus characterization test – in progress
- Regulation on combating the rabies in certain areas in preparation



# Areas vaccinated in 2019-2020 and outbreaks location



Thank you for your attention!

