

GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



Food and Agriculture
Organization of the
United Nations



Session on rabies surveillance

GF TADs SGE RAB4

North Macedonia

Rabies epidemiological situation

- Last year of occurrence of Rabies in domestic animals :
2012, Cat in Jargulica, Radovish
- Last year of occurrence of Rabies in wildlife :
2012, Wolf in Glavovica, Kocani
- Last year of occurrence of Rabies in humans :
1976, 1 person in Debar
- Last year of occurrence of imported Rabies cases:
No imported cases of rabies neither in animals nor in humans



Oral rabies vaccination

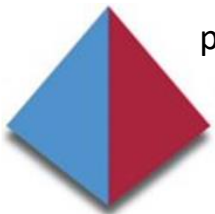
| Year* | Campaign carried out | | Spring campaign | | Autumn campaign | | | Area covered (please mark with X as appropriate) | |
|-------|----------------------|----|------------------------|------------------------|----------------------------|---------------------------|---------------|---|--|
| | YES | NO | Start Date | End Date | Start Date | End Date | Whole country | Other (please describe) | |
| 2010 | | x | | | | | | | |
| 2011 | x | | May 19 th | June 9 th | October 11 th | October 31 th | x | | |
| 2012 | x | | / | / | October 19 th | November 3 th | x | | |
| 2013 | x | | April 4 th | April 28 th | September 28 th | November 22 th | x | | |
| 2014 | x | | April 22 th | June 6 th | September 25 th | October 10 th | x | | |
| 2015 | x | | / | / | November 5 th | November 18 th | x | | |
| 2016 | x | | April 11 th | April 27 th | October 1 th | October 12 th | x | | |
| 2017 | x | | April 20 th | April 28 th | October 26 th | November 3 th | x | | |
| 2018 | x | | April 10 th | April 23 th | October 26 th | November 3 th | x | | |
| 2019 | x | | April 4 th | April 21 th | October 15 th | November 16 th | x | | |
| 2020 | | x | | | | | | | |
| 2021 | x | | No spring campaign | | December 18 th | January 2 th | 2022 | x | |
| 2022 | x | | May 12 th | May 20 th | planned activity | | X | | |



Surveillance

| year | Number of tested animals-passive surveillance | | Number of tested animals-active surveillance | |
|------|---|----------|--|----------|
| | negative | positive | negative | positive |
| 2017 | 5 | 0 | 41 | 0 |
| 2018 | 7 | 0 | 233 | 0 |
| 2019 | 17 | 0 | 143 | 0 |
| 2020 | 11 | 0 | 122 | 0 |
| 2021 | 111 | 0 | 157 | 0 |
| 2022 | 17 | 0 | 49 | 0 |

- 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 2016 -2021

| Year | fox | wolf | dog | cat | marten | jackal | wild cat | deer | bear | wild boar | wild rabbit | weasel | squirrel | otter | cattle | badger | sheep | total |
|-------|-----|------|-----|-----|--------|--------|----------|------|------|-----------|-------------|--------|----------|-------|--------|--------|-------|-------|
| 2016 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2017 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2018 | 4 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 2019 | 14 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 2020 | 3 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 11 |
| 2021 | 77 | 2 | 15 | 22 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 2 | 1 | 5 | 1 | 143 |
| 2022* | 7 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 17 |

- Passive surveillance: tests performed in suspect and dead animals
- * up to 20 may 2022



Plans for 2022

| | YES | NO | NOT SURE | YES UNDER CONDITIONS <i>(please describe)</i> | Area | Period /dates | Comments |
|--|-----|----|----------|--|---------------|---------------|--|
| VACCINATION | | | | | | | |
| ORV Campaign 2022 | x | | | | Whole country | | |
| Spring campaign | x | | | | Whole country | April | |
| Autumn campaign | x | | | | Whole country | October | |
| SURVEILLANCE | | | | | | | |
| Passive surveillance | x | | | | Whole country | | |
| Active surveillance <i>(like the one accompanying all ORV)</i> | x | | | | Whole country | | |
| Other type of active surveillance <i>(please describe)</i> | x | | | | Whole country | | Detection of rabies virus in hunted wolves |



Plans for 2023

| | YES | NO | NOT SURE | YES UNDER CONDITIONS <i>(please describe)</i> | Area | Period /dates | Comments |
|--|-----|----|----------|--|---------------|---------------|--|
| VACCINATION | | | | | | | |
| ORV Campaign | x | | | | Whole country | | |
| Spring campaign | x | | | | Whole country | April | |
| Autumn campaign | x | | | | Whole country | October | |
| SURVEILLANCE | | | | | | | |
| Passive surveillance | x | | | | Whole country | | |
| Active surveillance <i>(like the one accompanying all ORV)</i> | x | | | | Whole country | | |
| Other type of active surveillance <i>(please describe)</i> | x | | | | Whole country | | Detection of rabies virus in hunted healthy wolves |



Additional activities

Specific activities linked to additional movements of pets / wildlife as a consequence of the conflict in Ukraine:

The FVA has prepared the simplified procedure for non-commercial enter/transit of pets from Ukraine.

The microchipped and vaccinated animals has to be registered upon arrival.

The non vaccinated/microchipped animals are obligated to:

- be identified (if the transponder is missing or illegible)
- vaccinated against rabies (if vaccination cannot be documented or is invalid)