

# Rabies surveillance in Brazil during the COVID-19 pandemic

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## INTRODUCTION

The SARS-CoV-2 (COVID\_19) pandemic has weakened national health systems worldwide, delaying targets for the elimination of Neglected Diseases (NCDs). Interventions for NTDs, which depended on mass vaccination, have been affected and will require corrective strategies to achieve the targets.

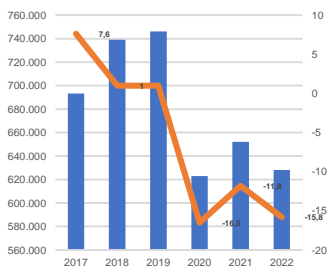
The study described rabies surveillance in Brazil from 2020 to 2022.

## METHODS

- ✓ Retrospective descriptive study of notifications registered in the Information System for Notifiable Diseases of the Ministry of Health
- ✓ The cases of human rabies, post-exposure prophylaxis (PEP), canine rabies vaccination coverage (CV)
- ✓ Excel 2016® was used for data analysis.

## RESULTS

**08 cases of human rabies were recorded in SARS-CoV-2 (COVID\_19) pandemic**



**2 million PEP**

- ✓ 30% reduction in care
- ✓ 79% by dogs,
- ✓ 17% by cats.



The average CV of the canine campaigns was 66%



**2021**

1 human case was Maranhão by AgV\_Cerdocyon\_thous



Average canine CV 83%  
Prioritized activities were focus blockades and actions on the border with Bolivia.

**2020**



1 human case in Rio de Janeiro by bats (AgV3), and 1 case in Paraíba by wild dog (AgV\_Cerdocyon\_thous both with genetic lineages of wild rabies



The average CV of the campaigns was 60%

**2022**



AgV3 lineage was identified involved in an outbreak involving 04 indigenous children in Minas Gerais, and in a human case by an undefined aggressive animal in the Federal District.

## CONCLUSION

The results found showed important actions that could be traced in emergency situations to continuous epidemiological surveillance actions, articulated with local health policies, maintaining control and prevention of rabies.