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SARS-CoV-2 Projects and Studies

Last Modified:

APHIS and other One Health partners are conducting projects and studies to protect our Nation's animals and people from SARS-CoV-2 and other zoonotic diseases (those that can spread between animals and people).

Our projects and studies align with APHIS' [Strategic Framework](#) (362.4 KB) for SARS-CoV-2 surveillance in animals. This includes projects and studies to understand how [SARS-CoV-2](#) virus behaves in different animals, how it moves between animals and people, and what we can do to interrupt the chain of disease transmission. This will help APHIS achieve our goal of building a national capacity to prevent or limit the next zoonotic disease outbreak. Browse our current projects and studies below.

Study Spotlight

[White-Tailed Deer and SARS-CoV-2](#)

Learn more about how SARS-CoV-2 impacts white-tailed deer and how APHIS is working with States and Tribes to monitor and study wild deer populations across the country.

[Learn More](#)



Projects

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Studies

We have conducted many studies to understand if and how different animal species are affected by SARS-CoV-2. While there are still some ongoing projects to delve deeper into the topic, below you'll find what is already completed.

Year Title

2023 [APHIS Zoonotic Coronavirus Literature Review](#) (1.48 MB)

[Questions and Answers: Results of Study on SARS-CoV-2 in White-tailed Deer](#)
(763.16 KB)

2023 [Español](#) (754.58 KB)

[Hmong](#) (751 KB)

- 2022 [Evaluation of Municipal Wastewater-Associated Wildlife as Potential Sources of Mutations of SARS-CoV-2](#)
- 2022 [Susceptibility of wild canids to severe acute respiratory syndrome coronavirus 2 \(SARS-CoV-2\)](#)
- 2021 [SARS-CoV-2 exposure in wild white-tailed deer \(*Odocoileus virginianus*\)](#)
- 2021 [SARS-CoV-2 exposure in escaped mink, Utah, USA](#)
- 2021 [An opportunistic survey reveals an unexpected coronavirus diversity hotspot in North America](#)
- 2021 [Peridomestic mammal susceptibility to severe acute respiratory syndrome coronavirus 2 infection](#)

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