

One Health Surveillance for Zoonotic SARS-CoV-2 Events

Request for approval for New Data Collection

OMB No. 0920-NEW

Statement B

10/12/2021

Program Contact

Thomas Daymude
National Center for Emerging and Zoonotic Infectious Diseases
Centers for Disease Control and Prevention
1600 Clifton Road, NE
Atlanta, Georgia 30333
Phone: (470) 553-3567
Email: qkh7@cdc.gov

Table of Contents

1. Respondent Universe and Sampling Methods p. 3
2. Procedures for the Collection of Information p. 3
3. Methods to Maximize Response Rates and Deal with No Response p. 3
4. Tests of Procedures or Methods to be Undertaken p. 3
5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data p. 3

B. Collections of Information Employing Statistical Methods

This information collection does not involve statistical methods.

1. Respondent Universe and Sampling Methods

The Zoonotic SARS-CoV-2 Event form and the One Health Case Investigation Form for Animals with SARS-CoV-2 will be used by state-level health authorities, namely state public health veterinarians and state animal health officials, that are involved in approving and coordinating SARS-CoV-2 investigations involving animal hosts. These officials are therefore the primary target audience for these surveillance forms, in addition to tribal, local and territorial health authorities. The Zoonotic SARS-CoV-2 Event form will be filled out by respondents on an ongoing basis as possible zoonotic transmission events are identified in their jurisdictions. Upon the identification of a presumptive or confirmed positive zoonotic case of SARS-CoV-2 in animals, respondents will complete the One Health Case Investigation Form for Animals with SARS-CoV-2. Both forms will be updated regularly as the pandemic continues and new data are identified as relevant.

Data for both forms are based on collection of animal case information and do not include identifiable data on human subjects. The reporting of SARS-CoV-2 cases in animals is not mandatory for states or individuals; therefore, the data collected by these forms may not be representative of the general animal population. Despite this limitation, the aggregation of data regarding potential zoonotic transmission events and the transmission dynamics of SARS-CoV-2 provides valuable information that is vital to better understand the prevalence of linked human and animal infections, identify the role of infected animals in the transmission dynamics of SARS-CoV-2, and inform CDC's public health recommendations.

2. Procedures for the Collection of Information

The Zoonotic SARS-CoV-2 Event form will be filled out by respondents on an ongoing basis as potential zoonotic events are identified in their jurisdictions. Upon the identification of a presumptive or confirmed positive zoonotic case of SARS-CoV-2, respondents will complete a One Health Case Investigation Form for Animals with SARS-CoV-2. Reporting and storage for both forms will occur through HHS Protect, CDC's secure COVID-19 surveillance platform. Data will be entered by relevant state or local officials and CDC's One Health Office. CDC's One Health Office will aggregate and analyze the collected data as a national level summary of zoonotic SARS-CoV-2 events for presentation to health partners and publications.

Information to be collected using One Health Surveillance for Zoonotic SARS-CoV-2 form;

- Animal demographics
- Reason for reporting
- Animal health
- Laboratory diagnostics

Information to be collected using the One Health Investigation form;

- Animal demographics
- Reason for reporting
- Animal health
- Laboratory diagnostics

- Epidemiological links to human or animals infected with SARS-CoV-2
 - Risk of transmission to other populations (people and animals)
-
- 3. Methods to Maximize Response Rates and Deal with No Response

In an effort to maximize response rate, CDC's One Health Office will work collaboratively with the federal, state and local entities involved in data collection. States or jurisdictions that have reported SARS-CoV-2 but have not onboarded to HHS Protect will be contacted for follow-up. In an effort to still capture the data, data can be sent via email to CDC One Health and entered on their behalf. Participation is not mandatory therefore failure to respond will be considered unwillingness to participate in surveillance. To aid in data collection and entry, CDC One Health Office provides participants with several resources to encourage the ongoing sharing of data.

4. Tests of Procedures or Methods to be Undertaken

Prior to the creation of the online forms in HHS Protect in 2021, CDC One Health sent out data collection tools (Excel spreadsheets and PDF forms) to state level authorities for completion. Consultation testing data was reported monthly and case investigation data was reported as presumptive or confirmed cases were identified. The response rate of both tools was high, although time investment was alleviated with the use HHS Protect. Online reporting through HHS Protect allows users to report real-time, share information with other users, and rest assured their data remain secure.

5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data

No statistical methods are employed in this information collection.