



# Centers for Disease Control and Prevention

CDC 24/7: Saving Lives, Protecting People™

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## Instructions

Welcome! This data collection is meant for state public health laboratory managers acting in their official capacities and aims to estimate the annual burden of Nocardia related diseases in the United States, and assess level of state use of CDC's SBRL services. We are laboratory managers from all 50 states and the District of Columbia to participate in this assessment.

Your feedback is important to us and will allow us to assess the burden of Nocardia related illnesses, help us to understand your laboratories current species and antibiotic resistance testing procedures, and determine how CDC's Special Bacteriology Reference Laboratory can better serve your needs.

Completing the questionnaire is voluntary and takes approximately 10 minutes. CDC will not publish or share any identifying information about individual respondents with CDC. There are no known risks or direct benefits to you from participating or choosing not to participate, but your answers will help CDC improve estimates of the annual burden of Nocardia related diseases in the United States.

If you have any questions or concerns about this assessment, please contact Shannon Cooney at [yqj1@cdc.gov](mailto:yqj1@cdc.gov)

To begin, please click begin survey below.

CDC estimates the average public reporting burden for this collection of information as 10 minutes per response, including the time for reviewing instructions, searching existing data/information sources, gathering and maintaining the data/information needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0879).

[Begin Survey](#)

## Respondent Information

1. Which state health department do you represent?

2. What is your position with this organization?

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## Nocardia Identification testing

3. Does your lab have the ability to identify Nocardia samples sent to you from medical facilities in your state?

(If no, skip to next page)

4. Approximately how many Nocardia samples did your lab identify in 2015?

5. How has the number of Nocardia samples your lab identified changed over the past 5 years?

6. What are the most common Nocardia species that your lab has isolated in the past year? (check up to 5)

*N. arthritidis*

*N. cyriacigeorgica*

*N. asteroides*

*N. farcinica*

*N. abscessus*

*N. nova*

*N. beijingensis*

*N. otitidiscaviarum*

*N. brasiliensis*

*N. veterana*

*N. brevicatena*

Other:

7. What technologies does your lab use to identify Nocardia species? (check all that apply)

MicrobeNet

Phenotypic (Biochem/morphological)

16S/ gyrB sequencing

AST

Don't know

Other:

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## Nocardia Susceptibility testing

8. Approximately, what percentage of Nocardia isolates that your lab received in 2015 did the submitter (medical facility, physician) request that you perform susceptibility testing for?

9a. Does your lab perform antibiotic susceptibility testing on Nocardia isolates?

(If no, skip to next page)

9b. Approximately, what percentage of Nocardia isolates that your lab received in the past year did you perform susceptibility testing for?

10. Which method(s) of susceptibility testing does your lab use for Nocardia?

Disc diffusion

E-test

Broth microdilution

Don't know

Other:

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## CDC SBRL testing

11a. Are you aware that CDC's Special Bacterial Reference Laboratory (SBRL) offers species testing for all aerobic actinomycetes? (This service is free of charge)

11b. Are you aware that CDC's SBRL offers susceptibility testing for all aerobic actinomycetes? (This service is free of charge)

12a. Did your lab send any Nocardia samples to CDC for identification or susceptibility testing in 2015?

12b. Identification testing: Approximately how many samples were sent in the past year?

12c. Susceptibility testing: Approximately how many samples were sent in the past year?

13. If your lab did not send any Nocardia or Actinomycetes samples to CDC for testing in 2015, please check the reason(s) below.

- Response/ turnaround time is insufficient
- Shipping costs
- Species level identification was not necessary
- Susceptibility testing was not necessary
- State laboratory could perform all of the needed testing
- Not aware that CDC offers this service

Other:

14. Are you aware that CDC's SBRL offers training in 16S sequence analysis to assist with species identification?

15a. Are you familiar with the online resource MicrobeNet?

15b. Does your lab use the MicrobeNet search functions for assistance in identifying Nocardia?

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## Comments

16. Do you have any suggestions for how SBRL can better provide services to you?

17. Would your organization be willing to work with SBRL to provide further information for an annual summary of aerobic actinomycetes? If so, please provide contact information for your laboratory in the comment section below.

*(Optional)*

**Thank you for your participation in this assessment!**

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[Complete survey](#)