

*EID cannot ensure accessibility for supplementary materials supplied by authors. Readers who have difficulty accessing supplementary content should contact the authors for assistance.*

# Spatial Epidemiologic Analysis and Risk Factors for Nontuberculous Mycobacteria Infections, Missouri, USA, 2008–2019

## Appendix

**Appendix Table 1.** Age-adjusted rates of NTM infection per 100,000 persons in Missouri, United States, 2008–2019\*

Type of NTM infection	Total population	M	F
All NTM cases	84.80	82.28	87.09
Pulmonary disease	29.87	25.68	33.85
Extrapulmonary disease	7.85	9.05	6.69
Rapid-growing mycobacteria	24.04	25.74	22.38
Slow-growing mycobacteria	60.76	56.54	64.71

\*NTM, nontuberculous mycobacteria.

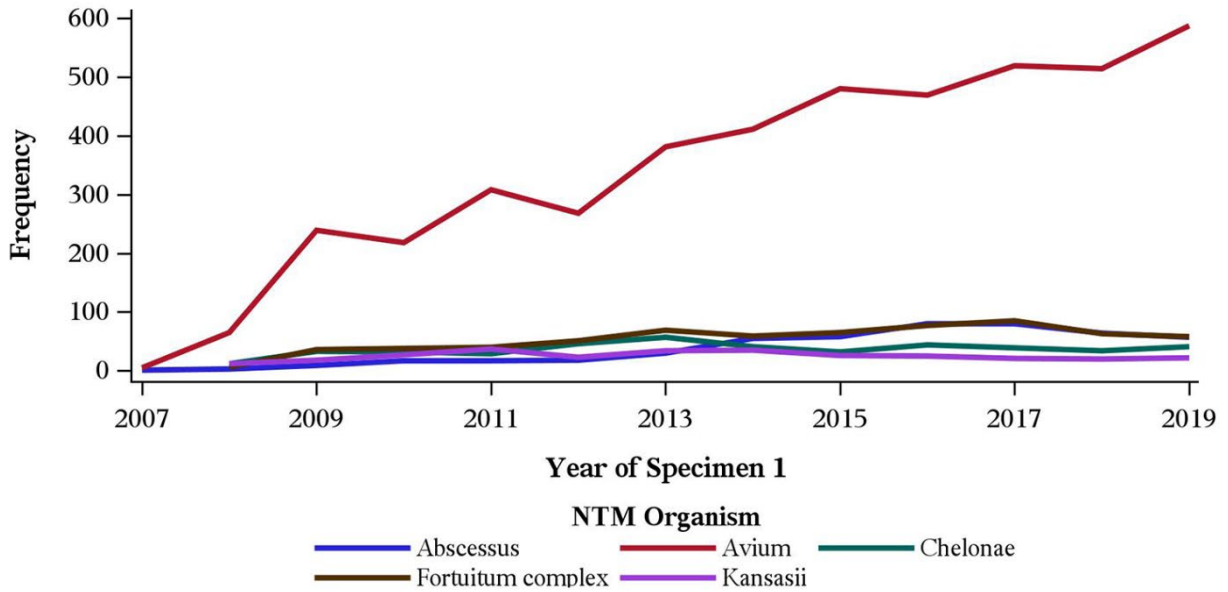
**Appendix Table 2.** Characteristics of persons with NTM in Missouri, United States, 2008–2019\*

Characteristics	Pulmonary n = 1,875 (%)	Extrapulmonary n = 481 (%)	p value
<b>Demographics</b>			
Median age in years (IQR)	70 (59–78)	59 (45–71)	<.001
Female sex†	1088 (58)	209 (43.5)	<.001
<b>Race</b>			
Non-Hispanic White	1082 (57.7)	276 (57.4)	<.001
Non-Hispanic Black	89 (4.7)	63 (13.1)	
Asian	26 (1.4)	1 (0.2)	
Other/unknown race	678 (36.2)	141 (29.3)	
<b>NTM characteristics</b>			
Median NTM rate per 100,000 population (IQR)‡	27.7 (23.15–31.13)	6.1 (5.6–7.37)	NA
Rapid-growing mycobacteria	302 (16.1%)	247 (51.4%)	<.001
Slow-growing mycobacteria	1573 (83.9%)	234 (48.6%)	<.001
Median time to culture positivity in days (IQR)	18 (13–28), n = 1,789	19 (12–30), n = 457	<.001

\*IQR, interquartile range; NA, not available; NTM, nontuberculous mycobacteria.

†For 2 (0.1%) persons sex was not recorded.

‡Per study period.



**Appendix Figure.** Incidence trend for the most common nontuberculous mycobacterial infections in Missouri, USA, 2008–2019. Number of nontuberculous mycobacteria infections reported yearly for the 5 most common nontuberculous mycobacteria species isolated: 2008 (100, 1.99%), 2009 (290, 5.78%), 2010 (286, 5.7%), 2011 (378, 7.53%), 2012 (385, 7.67%), 2013 (461, 9.19%), 2014 (459, 9.15%), 2015 (489, 9.75%), 2016 (488, 9.73%), 2017 (538, 10.72%), 2018 (529, 10.54%), 2019 (614, 12.24%).