

# EMERGING INFECTIOUS DISEASES<sup>®</sup>

## 2025 ANNUAL REPORT



EID's 30th Anniversary



U.S. CENTERS FOR DISEASE  
CONTROL AND PREVENTION

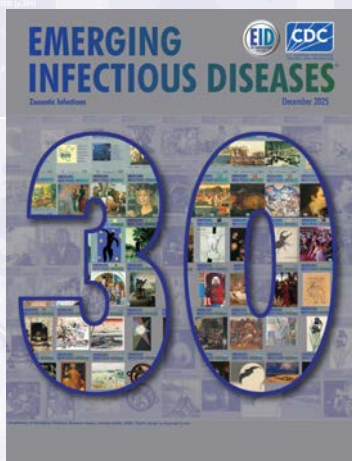
# 2025 Year in Review

In 2025, *Emerging Infectious Diseases* (EID) celebrated a major milestone—its 30th anniversary, marking three decades of publishing high-impact, peer-reviewed, open-access research articles. Since 1995, EID has published more than 13,500 articles. These articles have been cited over 600,000 times, and the journal's contents have been accessed 54 million times on PubMed Central.

This year also marked an important transition in editorial leadership. Peter Drotman, MD, MPH, retired after more than 40 years of dedicated service to CDC and 24 years of leadership shaping EID. Since assuming the role of Editor in Chief in 2001, Dr. Drotman has overseen the publication of more than 300 issues and guided the journal through periods of rapid scientific and public health change. His tenure spanned major public health events, including the post-9/11 anthrax attacks, SARS, MERS, and H1N1 outbreaks, as well as the global response to COVID-19. Under his leadership, EID played an important role in disseminating timely, peer-reviewed research and case reports to inform public health practice during emerging infectious disease threats.

Matthew Kuehnert, MD, who previously served as Deputy Editor in Chief, assumed the role of Editor in Chief at the end of November. Dr. Kuehnert brings more than 30 years of experience in peer-reviewed publication and has authored over 150 scientific articles, book chapters, and other publications. According to Google Scholar, which tracks scientific publication, Kuehnert's work has been cited about 15,000 times by other authors, reflecting the importance of his studies. He began his CDC career in 1996 as an Epidemic Intelligence Service officer and medical epidemiologist and has held key positions in the public and private sector, including in healthcare safety.

The following report summarizes editorial activities, publication highlights, and developments for the journal during 2025.



I am grateful to Peter for his outstanding leadership of the journal and for his mentorship during my tenure as Deputy Editor in Chief. Thanks to him, our staff, and our expert editorial board, I am fortunate to take charge of one of the best and most widely cited infectious disease journals in the world.

—Matthew Kuehnert, Editor in Chief



# 2025 Highlights

## Podcasts

Through conversations with authors and experts, the *Emerging Infectious Diseases* podcast continues to connect journal findings to public health and clinical practice. With more than 450 episodes to date, the podcast continued to grow this year with three new episodes focused on rapid detection of *Anopheles stephensi* mosquitoes, *Bartonella quintana* infections among persons experiencing homelessness, and national surveillance of human ehrlichiosis caused by *Ehrlichia ewingii* in the United States:

### Loop-Mediated Isothermal Amplification Assay to Detect Invasive Malaria Vector *Anopheles stephensi* Mosquitoes

The *Anopheles stephensi* mosquito, an invasive malaria vector from South Asia, has spread across Africa since 2012 and is associated with rising malaria cases. Detecting this mosquito species can be challenging, particularly in resource-limited settings using traditional methods. Researchers developed a rapid, cost-effective assay that identifies *An. stephensi* through a simple color change and can be used with minimal equipment. In this podcast, Cristina Rafferty of CDC, along with former Public Health Entomology for All program interns Gloria Raise and JeNiyah Scaife, discuss this new tool and its potential to improve early detection, surveillance, and malaria control.



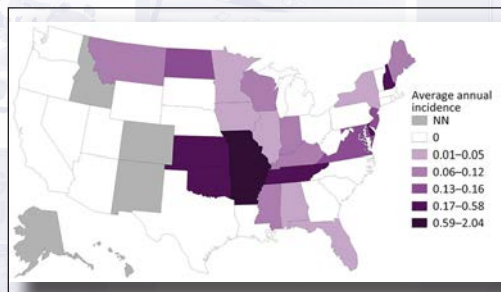
### Homelessness and *Bartonella quintana* Infections

Louseborne *Bartonella quintana* infections occur primarily among people experiencing homelessness, largely because of limited access to hygiene and increased exposure to body lice. These infections can cause prolonged bacteremia, endocarditis, and other serious illnesses. *B. quintana* has also been transmitted through organ transplantation from donors who had experienced homelessness, with severe disease observed in immunosuppressed recipients. In this podcast, Dr. Grace Marx of CDC and Dr. Emily Mosites of the Multnomah County Health Department discuss *B. quintana* infections among people experiencing homelessness, highlighting the public health impact, challenges in detection, and the importance of surveillance and targeted prevention efforts.



### National Surveillance of Human Ehrlichiosis Caused by *Ehrlichia ewingii*, United States, 2013–2021

Human ehrlichiosis is a potentially fatal tickborne disease caused by *Ehrlichia* bacteria. Although *E. ewingii* infections are generally considered less severe than those caused by *E. chaffeensis*, reported cases have increased since 2008, with 234 confirmed cases reported to CDC during 2013–2021. Because symptoms are often nonspecific, diagnosis can be challenging, and standard serologic tests cannot distinguish among *Ehrlichia* species. Molecular methods such as PCR are needed for species-specific diagnosis and have improved detection, though reported cases likely underestimate the true burden. In this podcast, Sydney Adams and Dr. Johanna Salzer of CDC's Division of Vector-Borne Diseases discuss national surveillance of *E. ewingii* ehrlichiosis in the United States, including trends in reported cases, geographic distribution, and challenges in diagnosis and detection.



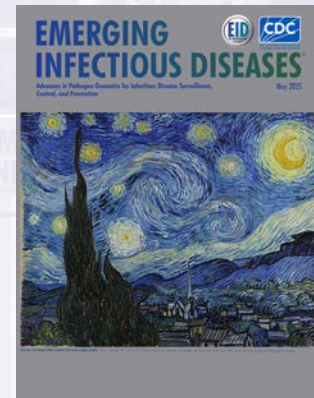
# 2025 Highlights

## Supplement Issues

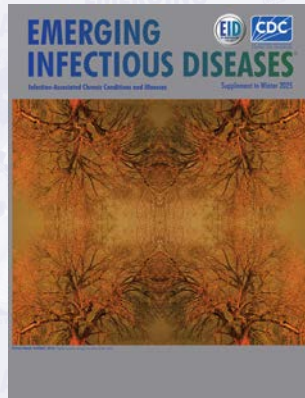
In addition to regular monthly issues, EID supplement issues provide an opportunity to examine specific scientific themes in greater depth, while highlighting emerging research relevant to infectious disease surveillance, prevention, and control. EID added two supplement issues to its growing collection in 2025:

### Advances in Pathogen Genomics for Infectious Disease Surveillance, Control, and Prevention

Published in May, this supplement focuses on advances in pathogen genomics and their application to public health practice. Articles in this issue highlight the growing role of genomic sequencing, bioinformatics, and genomic epidemiology in infectious disease surveillance and outbreak response. Contributions include studies using genomic data to track SARS-CoV-2 variants through clinical and wastewater surveillance, characterize bacterial pathogens, and support monitoring of antimicrobial resistance and foodborne disease outbreaks. Together, these articles illustrate how genomic technologies are increasingly integrated into public health systems to strengthen disease detection, surveillance, and prevention.



### Infection-Associated Chronic Conditions and Illnesses



The second supplement, published in December, examines the long-term health consequences of infectious diseases, with a focus on infection-associated chronic conditions and illnesses. Articles in this issue explore a range of postinfectious outcomes, including persistent symptoms, functional limitations, and increased risk for long-term complications following infections such as COVID-19, respiratory syncytial virus, Lyme disease, coccidioidomycosis, and giardiasis. Together, these studies highlight the growing recognition that infections can lead to lasting health effects and underscore the importance of continued research to better understand, detect, and prevent infection-associated chronic illnesses.

We thought that *Emerging Infectious Diseases* was the perfect journal to help us share this knowledge of the microbial source tracking technique that folks could be using in outbreak response.

—Lauren Jansen, MD, MPH, Assistant Professor of Preventive Medicine, University of Massachusetts Chan Medical School, and author of *Campylobacteriosis Outbreak Linked to Municipal Water, Nebraska, USA, 2021*

# 2025 Metrics

*Emerging Infectious Diseases* continues to maintain its influence as one of the most prestigious journals in the world in the fields of infectious diseases and epidemiology.

EMERGING  
INFECTIOUS DISEASES

## Journal Impact and Visibility\*

Articles published

**460**



Journal Impact Factor

**6.6**

Total web visits

**5,523,965**



**1,300**

mentions in news,  
blogs, and podcasts



**2,300**

mentions on social media



SCHOLARONE

Manuscripts  
Submitted

**2,037**

Google



Scholar

Ranked **2nd** of top 20 publications in  
Epidemiology and **2nd** among  
open-access journals by **Google Scholar**.

Ranked **6th** among top 20 publications  
in Communicable Diseases and **2nd**  
among open-access journals by  
**Google Scholar**.



Ranked **9th** out of 137 infectious  
disease journals and **7th** among  
open-access journals by **Journal  
Citation Reports (JCR)**.



Scopus®

Ranked **28th** out of 357 infectious  
disease journals and **5th**  
among open-access journals by  
**Scopus CiteScore**.

\*2025

My work is to enter data about government documents into a spreadsheet. It's tedious work sometimes. I came across our collection of volumes of *Emerging Infectious Diseases* today and the cover art was so lovely to look at! It was like an art gallery in six volumes, and yet all related to things infectious and deadly. The juxtaposition was a curious one. I just wanted to say thank you for providing some art and some awe with a side of malaria in an often flat work day.

—Caine Grimes, Library Technician, Miami University

# EID's Most-Cited Articles 2025

**E**merging Infectious Diseases' mission is to disseminate vital research and insights related to the ever-evolving landscape of infectious diseases. In 2025, EID showcased groundbreaking studies that addressed pressing public health challenges and enhanced our understanding of emerging pathogens. One of the important measures of EID's impact is through Altmetric, a tool that tracks mentions of articles in media, policy documents, networks, and peer-review forums.

The top 10 articles published in EID in 2025 were also in the top 5% of Altmetric scores, demonstrating EID's reach and impact.

1. Chagas Disease, an Endemic Disease in the United States
2. Influenza A(H5N1) Immune Response among Ferrets with Influenza A(H1N1)pdm09 Immunity
3. Alpha-Gal Syndrome after *Ixodes scapularis* Tick Bite and Statewide Surveillance, Maine, USA, 2014–2023
4. Estimated COVID-19 Periodicity and Correlation with SARS-CoV-2 Spike Protein S1 Antigenic Diversity, United States
5. Henipavirus in Northern Short-Tailed Shrew, Alabama, USA
6. Avian Influenza A(H5N1) Isolated from Dairy Farm Worker, Michigan, USA
7. Effect of Prior Influenza A(H1N1)pdm09 Virus Infection on Pathogenesis and Transmission of Human Influenza A(H5N1) Clade 2.3.4.4b Virus in Ferret Model
8. *Brucella suis* Infection in Cardiac Implantable Device of Man Exposed to Feral Swine Meat, Florida, USA
9. Increasing Predominance of Norovirus GII.17 over GII.4, United States, 2022–2025
10. Onset of Alpha-Gal Syndrome after Tick Bite, Washington, USA

## About the Journal

**E**merging Infectious Diseases is a monthly, open-access, peer-reviewed journal published by the Centers for Disease Control and Prevention. The journal promotes recognition and understanding of new and reemerging infectious diseases and the factors influencing their emergence, prevention, and control. EID publishes contributions from scientists, clinicians, and public health practitioners working in infectious diseases, epidemiology, microbiology, veterinary medicine, and other related disciplines. There is no charge to authors for manuscript submission, and all content is freely available online immediately upon publication.

The continued success of EID is largely attributed to the dedication of its highly qualified Associate Editors and Editorial Board members, who volunteer their expertise to uphold rigorous peer review and maintain high standards for published content. This commitment, combined with the efforts of the journal's editorial staff and support from the CDC, ensures that EID remains relevant and impactful for infectious disease specialists and public health officials both in the United States and around the world.

# EMERGING INFECTIOUS DISEASES

A Peer-Reviewed Journal Tracking and Analyzing Disease Trends

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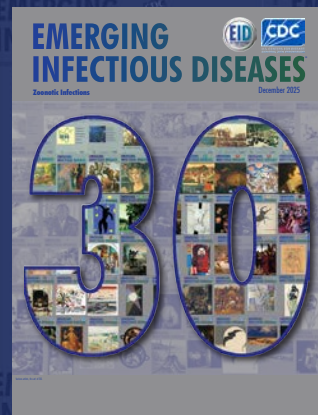
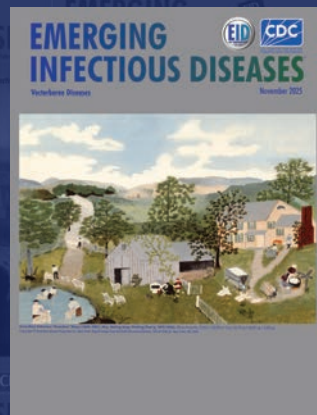
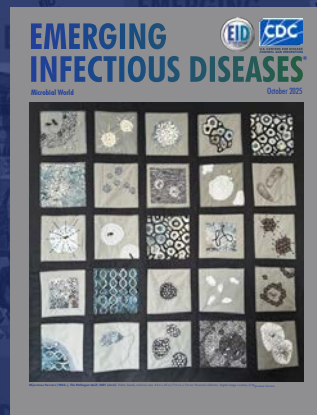
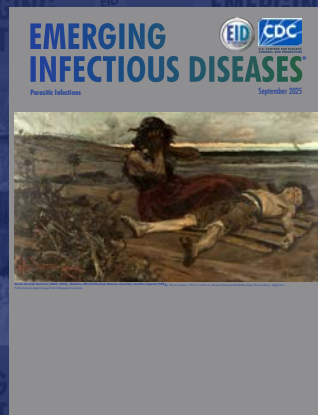
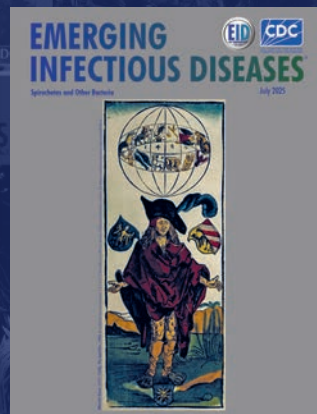
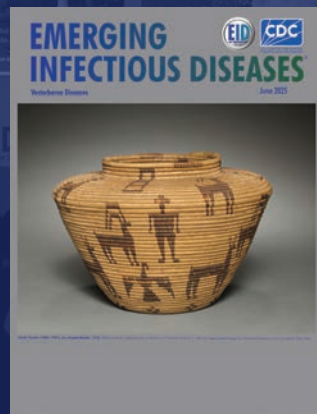
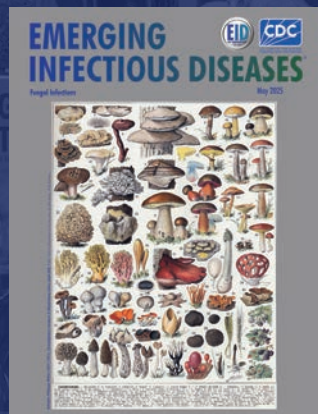
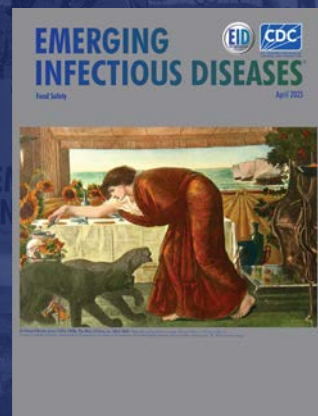
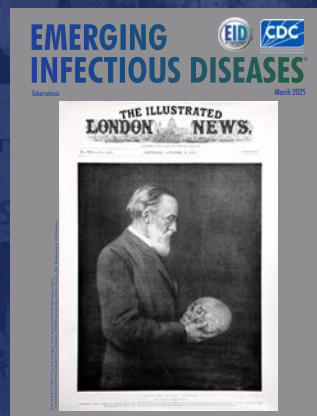
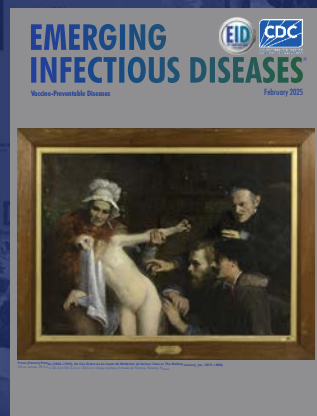
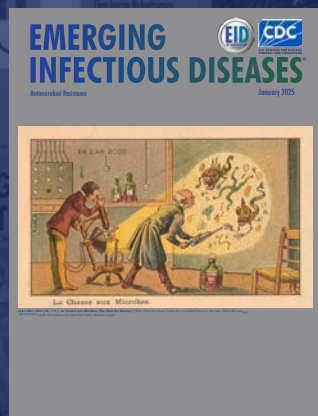
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