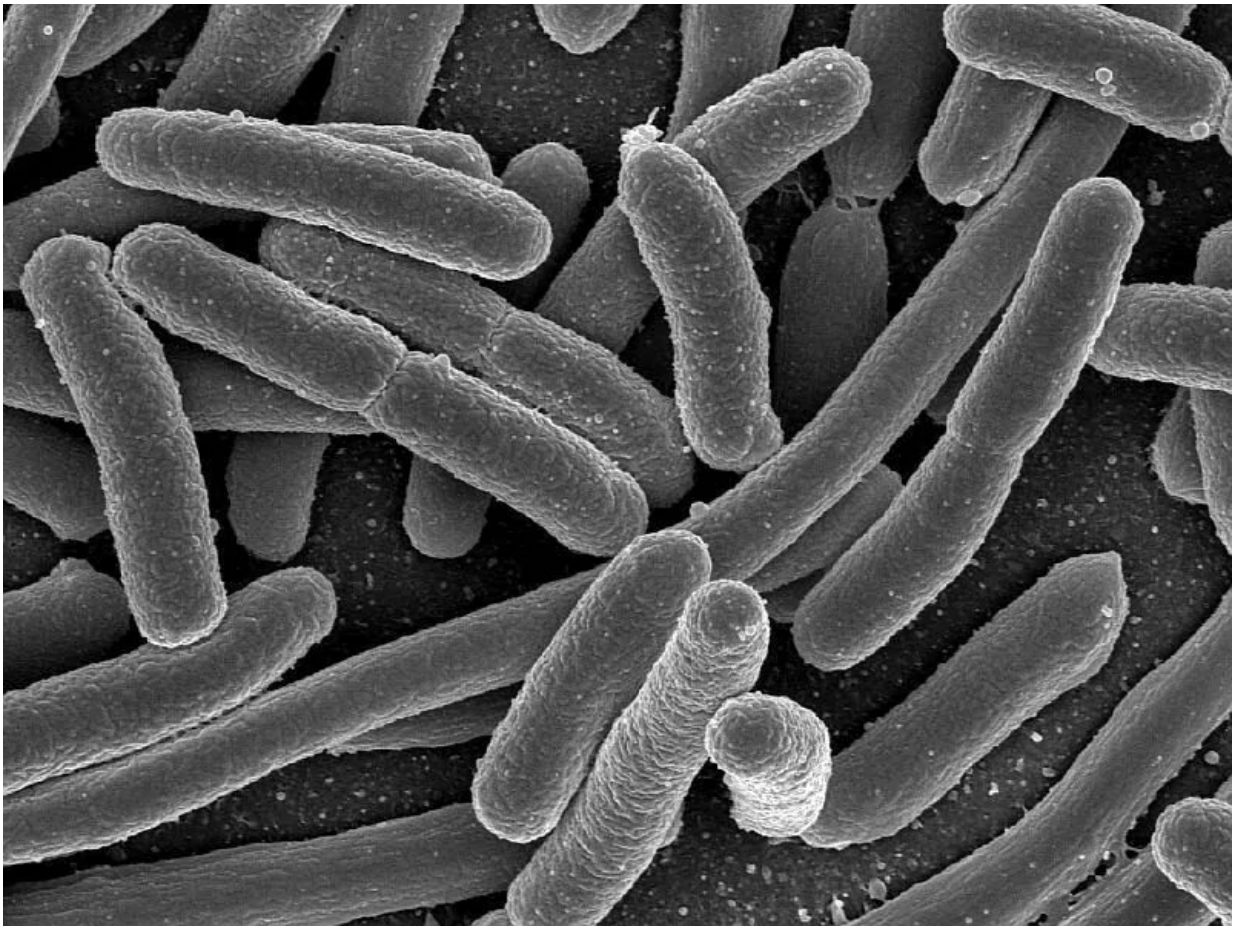
Incidence of enteric infections due to pathogens up or stable

May 1 2020



Electron micrograph of E. coli. Photo: U.S. Centers for Disease Control and Prevention

(HealthDay)—In 2019, the incidence of enteric infections caused by eight pathogens increased or remained stable, according to a study published May 1 in the U.S. Centers for Disease Control and Prevention (CDC) *Morbidity and Mortality Weekly Report.*

Danielle M. Tack, D.V.M., from the CDC in Atlanta, and colleagues summarized preliminary data from 2019 and described changes in incidence of laboratory-confirmed infections caused by eight pathogens transmitted commonly through food with incidence during 2016 to 2018.

The researchers identified 25,866 cases of infection, 6,164 hospitalizations, and 122 deaths during 2019. The incidence of enteric infections caused by these eight pathogens continued to increase (*Cyclospora*, *Yersinia*, *Vibrio*, Shiga toxin-producing *Escherichia coli*, and *Campylobacter*) or remained unchanged (*Listeria*, *Salmonella*, and *Shigella*) in 2019. The largest proportion of illnesses was caused by *Campylobacter* and *Salmonella*; there was variation in the trends in incidence by *Salmonella* serotype, with a significantly lower incidence for Typhimurium in 2019 compared with 2016 to 2018 (13 percent decrease).

"To better protect the public and achieve forthcoming Healthy People 2030 foodborne disease reduction goals, more widespread implementation of known prevention measures and new strategies that target particular pathogens and serotypes are needed," the authors write.

More information: Abstract/Full Text (subscription or payment may be required)

Copyright © 2020 HealthDay. All rights reserved.

Citation: Incidence of enteric infections due to pathogens up or stable (2020, May 1) retrieved 25

April 2024 from
https://medicalxpress.com/news/2020-05-incidence-infections-due-pathogens-stable.html

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.