



COLORADO

Department of Public
Health & Environment

HEALTH ALERT NETWORK BROADCAST

MESSAGE ID: 02282023 14:15

FROM: CO-CDPHE

SUBJECT: HAN Advisory - Increase in Extensively Drug-Resistant Shigellosis in the United State

RECIPIENTS: Local Public Health Agencies / IPs / Clinical Labs / EDs / ID Physicians / Coroners

RECIPIENT INSTRUCTIONS: Local Public Health Agencies - please forward to healthcare providers

HEALTH ADVISORY | Increase in extensively drug-resistant Shigellosis in the United States |

February 28, 2023

Health care providers: Please distribute widely in your office

This information is for the public health and health care community. Do not post this document on a public web or social media site.

Key points

- On February 24, 2023, Centers for Disease Control and Prevention (CDC) sent a Health Advisory titled “Increase in Extensively Drug-Resistant Shigellosis in the United States” which can be accessed at: <https://emergency.cdc.gov/han/2023/han00486.asp>
- CDC is monitoring an increase in extensively drug-resistant (XDR) *Shigella* infections (shigellosis) reported through national surveillance systems. In 2022, about 5% of *Shigella* infections reported to CDC were caused by XDR strains, compared with 0% in 2015.
- Given this concerning increase, CDC asks healthcare professionals to be vigilant about suspecting and reporting cases of XDR *Shigella* infection to their local or state health department and educating patients and communities at increased risk about prevention and transmission.
- The HAN includes recommendations for clinical management, considerations for sexual health, and information on counseling patients.
- Colorado has seen increasing rates of *Shigella* over the past five years, with 373 cases reported in 2022. Though not all *Shigella* cases are drug resistant, drug resistant cases are increasing. In 2022, 32 XDR *Shigella* cases in three outbreaks were identified.
- *Shigella* is a reportable condition in Colorado and all culture or PCR positive cases of *Shigella* must be reported to local public health or CDPHE via the Colorado Electronic Disease Reporting System (CEDRS), electronic laboratory reporting, fax (303-782-2338), or calling your local public health agency or CDPHE at 303-692-2700.
 - For *Shigella* positive specimens, an isolate or clinical material must be submitted to the CDPHE laboratory through routine courier. Submitting a sample alone does not meet reporting requirements.

Additional resources

- The recording of a CDC Clinical Outreach and Communication Activity (COCA) call covering the epidemiology, testing, and management of extensively drug resistant Shigellosis will be posted on [CDC's COCA webpage](#).
- CDPHE Shigella page: <https://cdphe.colorado.gov/shigella>

Keeping up to date

CDC: Register for CDC HANs: <https://emergency.cdc.gov/han/>

CDC: Sign up for COCA calls and emails: <https://emergency.cdc.gov/coca/calls/index.asp>

CDPHE: Register for Colorado HANs: <https://cdphe.colorado.gov/health-alert-network>

ECHO Colorado and CDPHE: Sign up for monthly Colorado Updates in Public Health webinar: <https://echocolorado.org/echo/covid-19/>

CDPHE Disease Reporting Line: 303-692-2700 or 303-370-9395 (after hours)