



Listeriosis, Shigellosis, STEC, and Vibriosis

Maine Surveillance Report | 2023

CASE INFORMATION

DEMOGRAPHICS

RISK FACTORS & EPIDEMIOLOGY

Listeriosis

9

Cases

0.6

Cases/100,000

▲ 350% increase from 2022



67% of cases
(6) were female

67

Average age
(2 days–89 years)

89%

(8) hospitalized

11%

(1) died

Shigellosis

15

Cases

1.1

Cases/100,000

▲ 36% increase from 2022



53% of cases
(8) were male

43

Average age
(2–75 years)

20%

(3) *Shigella flexneri*
serotype

7%

(1) *Shigella sonnei*
serotype

Shiga toxin-producing *E. coli* (STEC)

29

Cases

2.1

Cases/100,000

▲ 71% increase from 2022



72% of cases
(21) were female

43

Average age
(4 months–76 years)



62% contact with
animals (7% with cows)

0%

E. coli
O157:H7

Vibriosis

24

Cases

1.7

Cases/100,000

▲ 100% increase from 2022



63% of cases
(15) were male

52

Average age
(8–90 years)

63%

(15) consumed
seafood

25%

(6) *Vibrio*
parahaemolyticus

Prevention:

- Wash hands with soap and water, especially after contact with animals, using the toilet or changing diapers, gardening, and before preparing food and eating
- Avoid unpasteurized juices and raw milk products
- Prevent cross contamination of cooked foods and uncooked foods and the surfaces used to prepare these foods

Reporting:

Listeriosis, Shigellosis, Shiga toxin-producing *E. coli* (STEC), and Vibriosis must be reported to Maine CDC within 48 hours of recognition or strong suspicion of disease. Telephone: 1-800-821-5821 Fax: 1-800-293-7534

For more information visit:

www.maine.gov/idepi

www.cdc.gov/listeria

www.cdc.gov/shigella

www.cdc.gov/ecoli

www.cdc.gov/vibrio