



Listeriosis, Shigellosis, STEC, and Vibriosis

Maine Surveillance Report | 2022

CASE INFORMATION

DEMOGRAPHICS

RISK FACTORS & EPIDEMIOLOGY

Listeriosis

2

Cases

0.1

Cases/100,000



50% of cases
(1) were female

87

Average age
(85–88 years)

100%

(2) hospitalized

50%

died

▼ 67% decrease from 2021

Shigellosis

11

Cases

0.8

Cases/100,000



55% of cases
(6) were female

57

Average age
(2–83 years)

27%

(3) *Shigella flexneri*
serotype

9%

(1) *Shigella sonnei*
serotype

▲ 83% increase from 2021

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

17

Cases

1.2

Cases/100,000



59% of cases
(10) were female

36

Average age
(1–86 years)



76% contact with
animals (12% with cows)

6%

E. coli
O157:H7

▼ 26% decrease from 2021

Vibriosis

12

Cases

0.9

Cases/100,000



58% of cases
(7) were female

57

Average age
(5–82 years)

75%

(9) consumed
seafood

58%

(7) *Vibrio*
parahaemolyticus

▲ 9% increase from 2021

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