



Listeriosis, Shigellosis, STEC, and Vibriosis

Maine Surveillance Report | 2020

CASE INFORMATION

DEMOGRAPHICS

RISK FACTORS & EPIDEMIOLOGY

Listeriosis

6

Cases

0.4

Cases/100,000

▲ 20% increase from 2019



50% of cases
(3) were female

55

Average age
(5 days–83 years)

100%

(6) hospitalized

17%

(1) died

Shigellosis

4

Cases

0.3

Cases/100,000

▼ 67% decrease from 2019



75% of cases
(3) were male

58

Average age
(41–75 yrs.)

75%

(3) *Shigella flexneri*
serotype

25%

(1) *Shigella sonnei*
serotype

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

11

Cases

0.8

Cases/100,000

▼ 59% decrease from 2019



55% of cases
(6) were male

57

Average age
(2–88 yrs.)



73% contact with
animals (18% with cows)

0%

E. coli
O157:H7

Vibriosis

12

Cases

0.9

Cases/100,000

▲ 33% increase from 2019



83% of cases
(10) were male

53

Average age
(4–80 years)

75%

(9) consumed
seafood

50%

(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