



Listeriosis, Shigellosis, STEC, and Vibriosis

Maine Surveillance Report | 2018

CASE INFORMATION

DEMOGRAPHICS

RISK FACTORS & EPIDEMIOLOGY

Listeriosis

7

Cases

0.5

Cases/100,000

▲ 40% increase from 2017



57% of cases
(4) were female

72

Average age
(54–86 years)

100%

(7) hospitalized

14%

(1) died

Shigellosis

7

Cases

0.5

Cases/100,000

▼ 46% decrease from 2017



57% of cases
(4) were male

27

Average age
(2–58 yrs.)

71%

(5) *Shigella flexneri*
serotype

29%

(2) *Shigella sonnei*
serotype

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

37

Cases

2.8

Cases/100,000

▲ 9% increase from 2017



65% of cases
(24) were female

32

Average age
(2 mo.–82 yrs.)



73% contact with
animals (5% with cows)

8%

(3) *E. coli*
O157:H7

Vibriosis

14

Cases

1.0

Cases/100,000

▲ 100% increase from 2017



71% of cases
(10) were male

57

Average age
(18–90 years)

43%

(6) consumed
seafood

43%

(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