



# Anaplasmosis

Maine Surveillance Report | 2020

## Case Information:

**443**

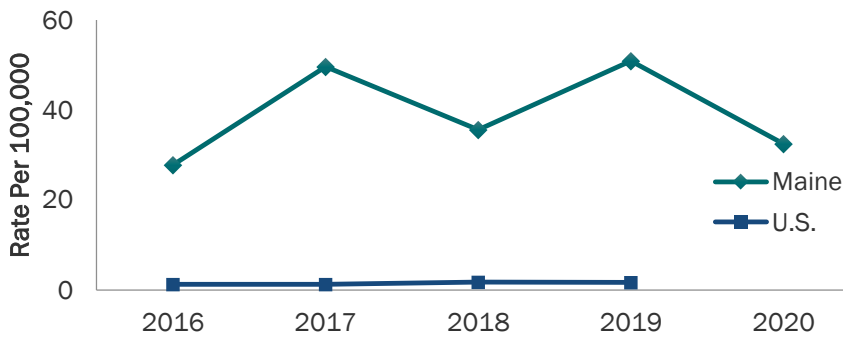
Confirmed and probable cases of anaplasmosis

**32.5**

Cases per 100,000 people

**35%**

Decrease from 2019



## Characteristics:



**24%**  
immune compromised or with underlying condition

**3%**  
reported recent travel history



**28%**  
hospitalized

**33%**  
increase from 2019

## Demographics:

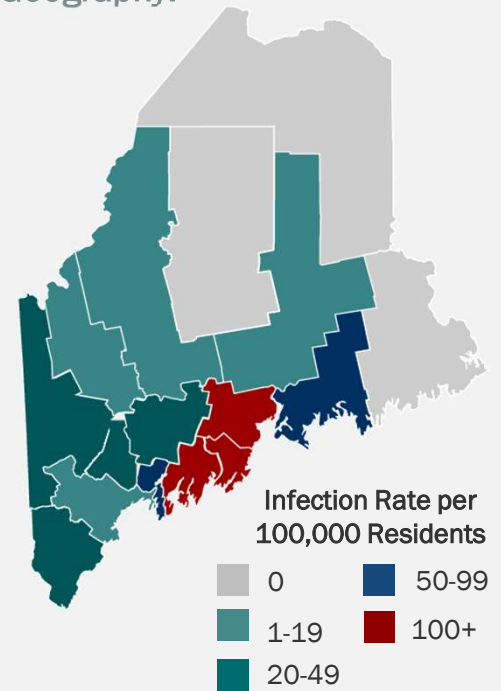


62% of patients were male

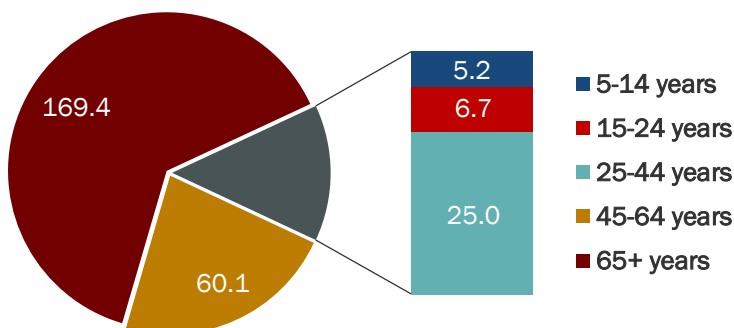
Median age of 67  
Age range of 3-91 years

94% of patients were White

## Geography:



## Infection Rate by Age Group:



## Trends:

- There are two seasonal peaks: one in spring/summer and one in late fall.
- Cases reported in 13 out of 16 counties.
- Highest infection rate in Knox County.
- Highest infection rate in 65+ age group.
- Lowest infection rate in 5-14 age group.
- No cases reported in <5 age group.
- Most common symptoms reported are fevers, muscle aches, and headaches.

## For more information visit:

- [www.maine.gov/dhhs/anaplasmosis](http://www.maine.gov/dhhs/anaplasmosis)
- [www.cdc.gov/anaplasmosis](http://www.cdc.gov/anaplasmosis)



## Clinical Information:



**45%**  
reported history  
of tick bite

**5%**  
co-infected with  
Lyme disease

**1%**  
co-infected with  
babesiosis

**0%**  
co-infected with all  
three diseases



**100%**  
reported a  
fever

**75%**  
reported  
muscle aches

**42%**  
reported a  
headache

**5%**  
reported a  
rash



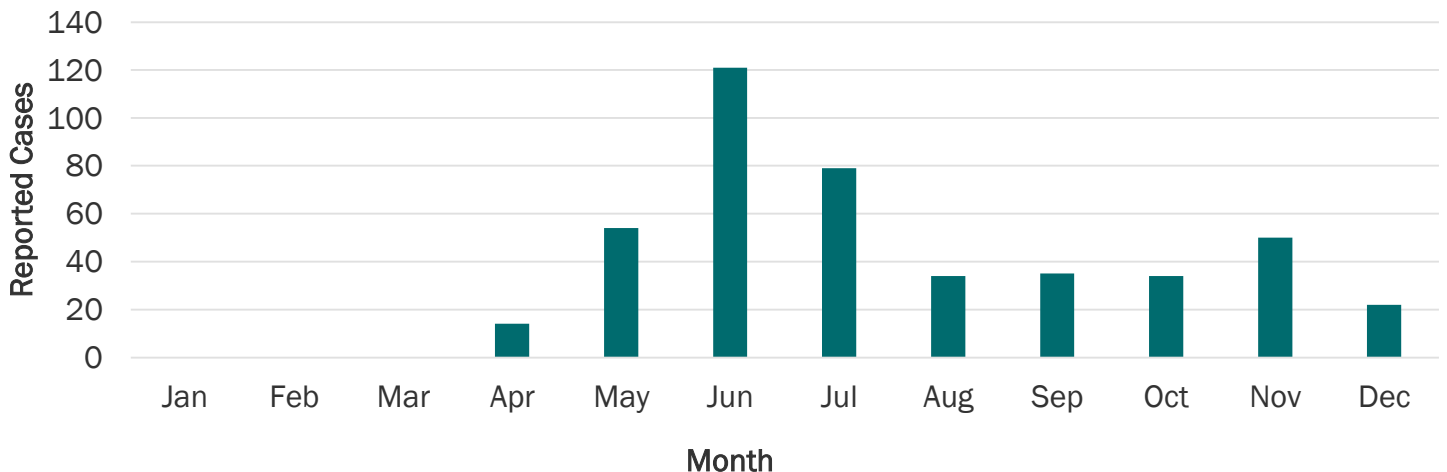
**48%**  
had low platelet  
counts

**41%**  
had liver damage  
or inflammation

**42%**  
had low white  
blood cell counts

**27%**  
had low red  
blood cell counts

## Monthly Distribution:



## Prevention:

**Wear light-colored clothing**, including long-sleeved shirts, long pants, and socks

**Use EPA-approved repellants** on skin and clothing

**Avoid infested areas** like wooded and brushy areas with high grass and leaf litter

**Do a full-body tick check** including your clothing and gear when coming back indoors

**Call your provider** if symptoms develop