

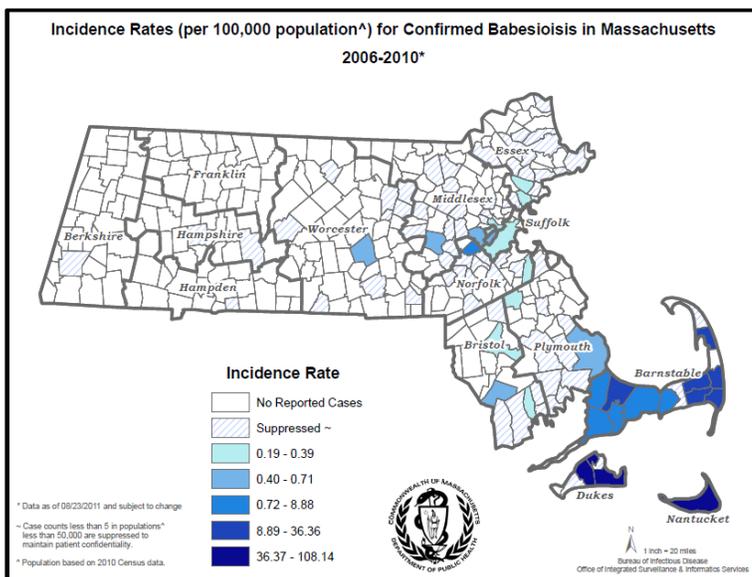
# Babesiosis Surveillance in Massachusetts, 2010

## Massachusetts Department of Public Health

### 2010 Surveillance Highlights

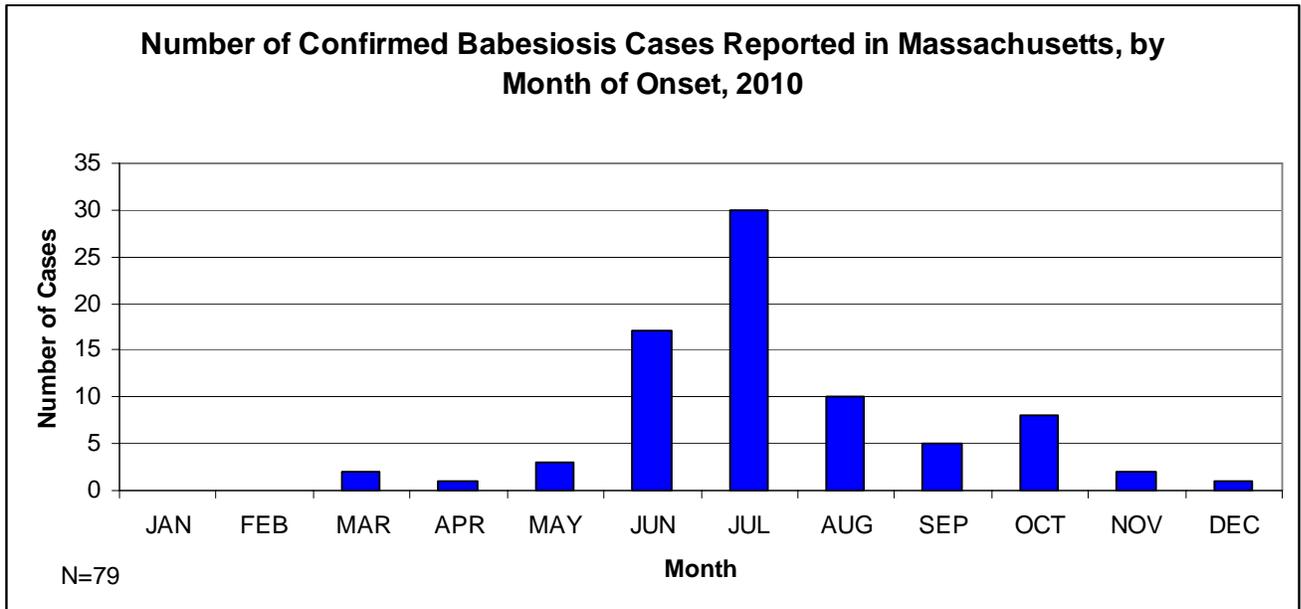
- 79 confirmed cases of babesiosis were reported in Massachusetts in 2010, representing a 1% increase from the number of cases reported in 2009.
- Counties with the highest incidence included Barnstable, Dukes, and Nantucket.
- The majority of confirmed cases occurred in June, July and August.
- 70% of confirmed cases were over the age of 55 years. The average age for a confirmed babesiosis case was 61 years, and 63% were male.
- 52% of confirmed cases were hospitalized. The symptoms most commonly reported in confirmed cases included fever (86%), fatigue (78%) and chills (70%).
- Three confirmed cases (4%) reported receiving a blood transfusion, tissue products or organ transplant in the year prior to becoming ill.

The map below illustrates babesiosis incidence rates per 100,000 by city and town of residence in Massachusetts from 2006-2010. Areas of highest incidence include Cape Cod and the island of Nantucket. No cases of babesiosis were reported from Berkshire, Franklin, Hampshire, or Hampden Counties in 2010.



County	2010 Confirmed Cases (#)	2010 Incidence Rate (per 100,000)
Barnstable	29	13.4
Berkshire	0	0.0
Bristol	2	0.4
Essex	6	0.8
Franklin	0	0.0
Hampden	0	0.0
Hampshire	0	0.0
Middlesex	8	0.5
Nantucket and Dukes	15	56.2
Norfolk	6	0.9
Plymouth	7	1.4
Suffolk	1	0.1
Worcester	4	0.5
<b>State Total</b>	<b>79</b>	<b>.75</b>

**Figure 1.**



**Figure 2.**

