

## **Lyme disease (bacterial from deer ticks, Tx antibiotics Doxycycline, Amoxicillin)**

Jan 1<sup>st</sup> to Nov 26<sup>th</sup>, 2025

- Most reportable tickborne disease in PA
  - New Cases (incidence)
    - Delco incidence rate 79 per 100,000 LOWER than Chester, Montgomery, and Bucks counties
  - Number of cases
    - 454
    - LOWER than all neighboring counties (Philadelphia 260 2015 to 2018)

## **Anaplasmosis (bacterial from deer ticks, Tx antibiotics Doxycycline)**

2024

- **2<sup>nd</sup> most common tick-borne disease in PA**
- New Cases (incidence)
  - Delco incidence rate 2.79 per 100,000 LOWER than Chester, higher than Montgomery, Philadelphia, and Bucks counties
- Number of cases
  - 16
  - LOWER than Chester, higher than Montgomery, Philadelphia, and Bucks counties

**Babesiosis (red blood cell infection caused by parasites that are typically spread through the bite of an infected blacklegged deer tick.**

2024

- New Cases (incidence)
  - Delco incidence rate 1.22 per 100,000 LOWER than Chester and Bucks counties, higher than Montgomery, and Philadelphia counties
- Number of cases
  - 7
  - LOWER than Chester, Montgomery, and Bucks counties, 1 case higher than Philadelphia counties

**Ehrlichiosis (associated with alpha-gal syndrome (AGS), a potentially life-threatening allergy to red meat, which can cause severe allergic reactions after consumption, Tx antibiotics).**

2024

- No cases in Delco, less than 5 in Chester, Philadelphia, Montgomery, and Bucks counties

Abstracted from: PA DOH Tickborne Diseases Dashboard

<https://app.powerbigov.us/view?r=eyJrljoiMTM1OWFiODUtM2ExZS00MDFhLTNmN2ltMzUxNjZlYzY4NDg5liwidCI6IjQxOGUyODQxLTAxMjgtNGRkNS05YjZlTQ3ZmM1YTlhMWJkZSJ9>

**WARMER CLIMATE & INCREASE DEER POPULATION & CONSTRUCTION IN WOODED AREAS**

**West Nile Virus (mosquito-borne virus that can infect humans, birds, and other animals and is spread through the bite of an infected mosquito)**

2025

- Number of Human cases
  - 3 cases in Delaware County
  - 20 cases in Lancaster County
  - 4 cases in Montgomery County
  - 2 cases in Chester County
  - 3 cases in Philadelphia County