

YERSINIOSIS****NON-IMMEDIATE NOTIFICATION****EPIDEMIOLOGY PROGRAM**

| | | |
|--|---|---|
| Event Name: | YER | |
| Event Time Period: | 1 year | |
| Clinical Description (CDC 2025) 24-ID-08 | <p>Common presentations of illness include fever (measured or subjective), diarrhea (bloody or non-bloody), or abdominal pain that may be severe enough to mimic appendicitis. However, presentations of extraintestinal illness can include sepsis, wound infection, or soft tissue infections, and gastrointestinal signs may be absent in these instances.</p> <p>Post-infectious, immune-mediated syndromes such as reactive arthritis and erythema nodosum are not directly caused by the infection and are not included as part of the clinical criteria.</p> | |
| CDC Event Classification (CDC 2025) 24-ID-08 | <i>Confirmed</i> | Isolation of any non-pestis <i>Yersinia</i> spp. by culture from a clinical specimen. |
| | <i>Probable</i> | 1. Detection of non-pestis <i>Yersinia</i> spp. in clinical specimen (e.g., stool or blood specimen) using a NAAT or other molecular testing method; OR 2. A clinically compatible case that shares an exposure with (or is exposed to) a confirmed or probable case of non-pestis yersiniosis. |
| Massachusetts Event Classification (2025) | <i>Follows CDC event classification</i> | |

****If report is concerning *Yersinia pestis* event, please refer to “Plague”. *Y. pestis* should not be entered as a YER****

Note: When two or more non-pestis *Yersinia* species are detected from one or more specimens from the same individual, each identified species should be enumerated as a separate case.

| Report type | Test Type | Source | Result | New event or beyond report period? | Data Entry |
|--|--|-------------------|---|------------------------------------|------------------------|
| Laboratory Report | Culture | Clinical specimen | non- <i>pestis</i> <i>Yersinia</i> spp. | Yes | New event CONFIRMED |
| | | | | No | Same event |
| <i>Select (no sub-type specified):</i> | <i>Yersinia</i> sp identified: PrId: Pt: XXX: Nom: Organism specific culture | | | | |
| <i>Select (no sub-type specified):</i> | Microorganism identified: PrId: Pt: xxx: Nom: Culture | | | | |
| <i>Select (sub-type specified):</i> | Microorganism identified: PrId: Pt: Islt: Nom: Bacterial subtyping | | | | |
| Laboratory Report | Culture | Stool | non- <i>pestis</i> <i>Yersinia</i> spp. | Yes | New event CONFIRMED |
| | | | | No | Same event |
| <i>Select:</i> | <i>Yersinia</i> sp identified: PrId: Pt: Stl: Nom: Organism specific culture | | | | |
| Laboratory Report | PCR | Clinical specimen | Positive | Yes | New event PROBABLE |
| | | | | No | Same event |
| <i>Select:</i> | <i>Yersinia</i> DNA: XXX: PCR | | | | |
| Laboratory Report | PCR | Stool | Detected | Yes | New event PROBABLE |
| | | | | No | Same event |
| <i>Select:</i> | <i>Y enterocol</i> DNA: Stl: Ql: Non-probe PCR | | | | |
| <i>Select:</i> | <i>Yersinia entero</i> recN Stl Ql NAA+probe | | | | |
| Laboratory Report | PCR | Stool | <i>Yersinia enterocolitica</i> | Yes | New event PROBABLE |
| | | | | No | Same event |
| <i>Select:</i> | GI path DNA + RNA: Pnl: Stl: Non-probe PCR | | | | |