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The Council of State and Territorial Epidemiologists (CSTE)
Suite 303 – 2872 Woodcock Boulevard
Atlanta, Georgia 30341
Phone: 770 458-3811

Notifiable Bacterial Foodborne Diseases and Conditions

infections
Bordetella
Buchnerella
Clostridium
Entamoeba histolytica, E. histolytica coli
Hemolytic uremic syndrome, post-diarrheal
Infectious
Salmonellosis (other than S. Typhi)
Shigella
Shigellosis (S. Typhi and S. Paratyphi infections)

Notifiable Viral Foodborne Diseases and Conditions

Reoviridae A

Notifiable Parasitic Foodborne Diseases and Conditions

Cryptosporidium
Cyclosporiasis
Giardiasis
Trichinellosis

References


Toll-free Information Phone Numbers

USDA Meat and Poultry Hotline: 800 515-4555
FDA Safe Food Hotline: 888 SAFE-FOOD (723-3566)
CDC Voice Information System: 888 CDC-INFO (232-5393)
Foodborne Illnesses (Bacterial)

**Etiology**
- **Shigella**
  - Causes: typhoid, paratyphoid, other Salmonella
- **Salmonella**
- **Staphylococcus**
- **Streptococcus**
- **Vibrio**

**Symptoms and Signs**
- **Typhi**: Sudden onset of severe flu-like illness
- **Paratyphi**: Sudden onset of severe flu-like illness
- **V. cholerae**: Sudden onset of severe diarrhea

**Incubation Period**
- Typhi: 2-10 days
- Paratyphi: 2-10 days
- V. cholerae: 1-3 days

**Associated Foods**
- Typhi: meat, especially hamburger, unpasteurized milk
- Paratyphi: meat, poultry, gravy, dried fruits
- V. cholerae: raw and undercooked seafood

**Laboratory Testing**
- Typhi: stool culture; if indicated, also blood culture
- Paratyphi: stool culture; if indicated, also blood culture
- V. cholerae: stool culture; if indicated, also blood culture

**Treatment**
- Typhi: doxycycline, ciprofloxacin, or fluoroquinolones
- Paratyphi: doxycycline, ciprofloxacin, or fluoroquinolones
- V. cholerae: oral and intravenous rehydration

**Supportive Care**
- Fluid and electrolyte replacement
- Antimicrobial treatment

**Prevention**
- Good personal hygiene
- Boiling water for drinking
- Cooking meats to proper internal temperatures

**References**
- CDC website: https://www.cdc.gov/foodborneillness/
- CDC surveillance system: https://www.cdc.gov/foodborneillness/surveillance.html

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**Incidence and Prevalence**

Foodborne illnesses are common worldwide, affecting millions of people each year. Common causes include Salmonella, E. coli, and Staphylococcus aureus. Understanding the mechanisms of these pathogens and their control is crucial for public health. This overview provides insights into the epidemiology, transmission, diagnosis, and management of these and other foodborne bacterial illnesses. For a comprehensive guide, visit the CDC website (https://www.cdc.gov/foodborneillness/) or consult the latest surveillance data. Your local health department also provides updates on food safety and outbreak investigations. Contact your state health department for more information.
Foodborne Diseases and Conditions Designated as Notifiable at the National Level – United States 2003

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Notifiable Bacterial Foodborne Diseases and Conditions

<table>
<thead>
<tr>
<th>Disease</th>
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<tbody>
<tr>
<td>Anthrax</td>
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<tr>
<td>Botulism</td>
</tr>
<tr>
<td>Brucellosis</td>
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<tr>
<td>Cholera</td>
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<tr>
<td>Enterohemorrhagic Escherichia coli</td>
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<tr>
<td>Shigellosis</td>
</tr>
<tr>
<td>Typhoid Fever (S. Typhi and S. Paratyphi infections)</td>
</tr>
</tbody>
</table>

Notifiable Viral Foodborne Diseases and Conditions

* Hepatitis A

Notifiable Parasitic Foodborne Diseases and Conditions

* Cryptosporidiosis
* Cyclosporiasis
* Giardiasis
* Trichinellosis

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</tr>
<tr>
<td>CDC Voice Information System</td>
<td>888 CDC-INFO (232-5293)</td>
</tr>
</tbody>
</table>

Diagnosis and Management of Foodborne Illnesses

A Primer for Physicians and Other Health Care Professionals

Foodborne Illnesses Table: Bacterial Agents

American Medical Association
American Nurses Association
American Nurses Foundation
Centers for Disease Control and Prevention
Center for Food Safety and Applied Nutrition
Food and Drug Administration
Food Safety and Inspection Service
US Department of Agriculture

February 2004
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**Notifiable Bacterial Foodborne Diseases and Conditions**

- Anthrax
- Botulism
- Brucellosis
- Cholera
- Enterohemorrhagic Escherichia coli
- Hemolytic uremic syndrome, post-diarrheal
- Hemorrhagic
- Salmonellosis (other than S. Typhi)
- Shigellosis
- Typhoid fever (S. Typhi and S. Paratyphi infections)

**Notifiable Viral Foodborne Diseases and Conditions**

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