

**Directions:** Use the internet sites below to complete the following charts.

Common Causes of Illness in Present Day:

<http://www.ncagr.gov/cyber/kidswrld/foodsafe/badbug/badbug.htm>

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| **Name of Bacteria** | **Onset** | **Symptoms** | **Associated Foods** |
| *E. coli* O157:H7 | 2-5 days after eating | Severe bloody diarrhea and abdominal cramps, usually little or no fever is present | Ground beef, raw milk, sprouts, lettuce, salami, unpasteurized milk and juice, and swimming in or drinking sewage-contaminated water |
| *Campylobacter*  | 2-5 days after eating | Diarrhea, abdominal cramping, fever, and sometimes bloody stools | Raw poultry, meat, and unpasteurized milk. |
| *Salmonella* | 8-12 hoursafter eating | Abdominal pain and diarrhea,and sometimes nausea andvomiting. *S. typhi* causesepticemic and produce typhoidor typhoid-like fever in humans. | Raw meats, poultry, eggs, milk and other dairy products, shrimp, frog legs, yeast, coconut, pasta and chocolate. |
| *Staphylococcus aureus* | 30 minutes – 8 hours after eating | Diarrhea, vomiting, nausea, abdominal pain, cramps | Meats, poultry, egg products, tuna, potato and macaroni salads, and cream-filled pastries |

Common Causes of Illness in the Middle Ages:

<http://www.cdc.gov/cholera/index.html>

<http://web.uconn.edu/mcbstaff/graf/Student%20presentations/Salmonellatyphi/Salmonellatyphi.html>

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| **Name of Bacteria** | **Onset (Nature of Disease)** | **Symptoms****(Nature of Disease)** | **Associated Foods** |
| *Salmonella typhi* | 6-30 days | High fever, severe headache, nausea, and loss of appetite. Possible constipation or diarrhea. | Any water or food source that comes into contact with contaminated feces. |
| *Vibrio cholerae* O1 | 5 hours to 6 days after infected | Watery diarrhea, vomiting, and leg cramps resulting in severe dehydration and shock. | Any water or food source that comes into contact with contaminated feces. Especially seafood from contaminated water. |