A variety of organisms are found to contribute to central line-associated bloodstream infections (CLABSIs). Table 1 and Figure 1 show the organisms identified in such infections in intensive care units (ICUs) in Illinois in 2013. Some infections have more than one organism present. In 2013, there were 373 microorganisms identified in 327 central line-associated bloodstream infections. The most common were *Enterococcus* species, overall *Staphylococcus aureus* and *Candida* species, which represent approximately 17%, 14% and 10% of total infections, respectively.

Overall, from 2010 to 2013 the most common microorganism identified in CLABSIs were *Enterococcus* species, *Staphylococcus aureus* and *Candida* species. Refer to Figure 2 which shows the organisms identified in CLABSIs in ICUs in Illinois from 2010 to 2013.

Table 1. Identification of Isolates of CLABSI Infections in 2013

<table>
<thead>
<tr>
<th>Pathogens</th>
<th>Number of Isolates *</th>
<th>Percent of Infections</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Enterococcus</em> species</td>
<td>62</td>
<td>17</td>
</tr>
<tr>
<td><em>Staphylococcus aureus</em></td>
<td>54</td>
<td>14</td>
</tr>
<tr>
<td>Other <em>Candida</em> species</td>
<td>39</td>
<td>10</td>
</tr>
<tr>
<td><em>Candida albicans</em></td>
<td>36</td>
<td>10</td>
</tr>
<tr>
<td>Other gram-negative rods</td>
<td>28</td>
<td>8</td>
</tr>
<tr>
<td><em>Staphylococcus epidermidis</em></td>
<td>27</td>
<td>7</td>
</tr>
<tr>
<td><em>Klebsiella</em> species</td>
<td>26</td>
<td>7</td>
</tr>
<tr>
<td>Coagulase-negative <em>Staphylococci</em></td>
<td>22</td>
<td>6</td>
</tr>
<tr>
<td><em>Escherichia coli</em></td>
<td>21</td>
<td>6</td>
</tr>
<tr>
<td><em>Pseudomonas</em> species</td>
<td>20</td>
<td>5</td>
</tr>
<tr>
<td><em>Enterobacter</em> species</td>
<td>15</td>
<td>4</td>
</tr>
<tr>
<td><em>Acinetobacter</em> species</td>
<td>14</td>
<td>4</td>
</tr>
<tr>
<td>Other Pathogens</td>
<td>9</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>373</strong></td>
<td><strong>100</strong></td>
</tr>
</tbody>
</table>

* Data reported as of May 25, 2014
Microorganisms Identified in Central Line-Associated Blood Stream Infections in Intensive Care Units in Illinois Hospitals

1/01/2013 - 12/31/2013

Figure 1. Microorganisms Identified in CLABSIs in IL ICUs, 2013

Figure 2. Microorganisms Identified in CLABSIs in IL ICUs, 2010 - 2013

Microorganisms Identified in CLABSIs in Illinois ICUs, 2013

- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Candida albicans: 10%
- Other gram-negative rods: 8%
- Staphylococcus epidermidis: 7%
- Coagulase-negative Staphylococci: 6%
- Klebsiella species: 7%
- Pseudomonas species: 5%
- Other Pathogens: 2%
- Acinetobacter species: 4%
- Escherichia coli: 6%
- Enterobacter species: 4%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%
- Enterococcus species: 17%
- Staphylococcus aureus: 14%
- Other Candida species: 10%
- Other gram-negative rods: 8%
- Candida albicans: 10%
- Acinetobacter species: 4%
- Other Pathogens: 2%