### Antibiogram of Selected Pathogens, South Dakota 2016

#### Gram positive organisms

<table>
<thead>
<tr>
<th>Antibiotic</th>
<th>% Susceptible and (n) number of isolates tested</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amoxicillin/Clavulanic acid</td>
<td>94(160)</td>
</tr>
<tr>
<td>Cefepime</td>
<td>97(122)</td>
</tr>
<tr>
<td>Cefotaxime</td>
<td>100(38) 99(109) 91(607)</td>
</tr>
<tr>
<td>Ceftriaxone</td>
<td>94(914)</td>
</tr>
<tr>
<td>Ampicillin</td>
<td>100(40) 99(312) 98(1941) 19(240)</td>
</tr>
<tr>
<td>Oxacillin†</td>
<td>64(7496) 100(1560) 0(1097)</td>
</tr>
<tr>
<td>Penicillin†</td>
<td>6(5965) 20(1061) 0(741) 100(66) 99(368) 63(1107) 98(3104) 31(456)</td>
</tr>
<tr>
<td>Ciprofloxacin</td>
<td>69(7073) 90(146) 38(278)</td>
</tr>
<tr>
<td>Levofloxacin</td>
<td>68(3526) 91(523) 37(571) 100(48) 98(446) 98(897) 77(3256) 22(504)</td>
</tr>
<tr>
<td>Clindamycin</td>
<td>74(6751) 82(1635) 68(1120) 94(48) 50(272) 86(792)</td>
</tr>
<tr>
<td>Daptomycin</td>
<td>99(2640) 100(88) 99(1166)</td>
</tr>
<tr>
<td>Erythromycin</td>
<td>49(6846) 68(1581) 13(1091) 88(48) 41(230) 45(934)</td>
</tr>
<tr>
<td>Gentamicin</td>
<td>99(7204) 99(637) 98(620) 72(1136) 75(209)</td>
</tr>
<tr>
<td>Linezolid</td>
<td>100(3974) 99(1268) 99(877) 100(271) 99(3446) 97(529)</td>
</tr>
<tr>
<td>Nitrofurantoin*</td>
<td>100(3272) 100(1199) 100(879) 99(3357) 94(468)</td>
</tr>
<tr>
<td>Rifampin</td>
<td>100(6804) 100(492) 100(427) 57(1043) 15(218)</td>
</tr>
<tr>
<td>Trimethoprim/Sulfamethoxazole</td>
<td>98(7311) 97(1611) 98(1128) 72(909)</td>
</tr>
<tr>
<td>Tetracycline</td>
<td>93(7519) 93(1598) 95(1081) 57(30) 11(104) 80(851) 24(2359) 17(230)</td>
</tr>
<tr>
<td>Vancomycin</td>
<td>100(7495) 100(1662) 100(1156) 100(66) 100(392) 100(855) 99(3897) 50(550)</td>
</tr>
</tbody>
</table>

*Denotes a 10% or greater increase in susceptibility compared to data from 2013
†Denotes a 10% or greater decrease in susceptibility compared to data from 2013
*Urine isolates only
‡From laboratories which did not separate MRSA and MSSA. Data included in this column is not included in the MSSA or MRSA columns.
‡Only reported oxacillin and penicillin for Staph. aureus based on CLSI guidelines

CLSI recommends reporting data only if 30 or more isolates analyzed, less than 30 isolates are reported for completeness

August 2017 (KL)