Output:
Four SIR tables are included in the CAUTI SIR output. For the sake of space, we are only including the tables relevant to this exercise (the 1st and 4th tables).

Table 1:

National Healthcare Safety Network
SIR for CAUTI Data for CMS IPPS - By OrgID
As of: February 27, 2014 at 9:16 AM
Date Range: CAU_RATESICU_SCA summaryYQ 2012Q1 to 2012Q1

if (((utiPlan = "Y") AND (locationType IN ("CC"))))

Org ID=10018 CMS Certification Number=N/A

<table>
<thead>
<tr>
<th>Org ID</th>
<th>Summary Yr/Qtr</th>
<th>infCount</th>
<th>Number Expected</th>
<th>Urinary Catheter Days</th>
<th>SIR</th>
<th>SIR p-value</th>
<th>95% Confidence Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>10018</td>
<td>2012Q1</td>
<td>13</td>
<td>8.474</td>
<td>3709</td>
<td>1.534</td>
<td>0.1398</td>
<td>0.853, 2.557</td>
</tr>
</tbody>
</table>

If infCount in this table is less than you reported, aggregate data are not available to calculate numExp. Lower bound of 95% Confidence Interval only calculated if infCount > 0. SIR values only calculated if numExp >= 1. SIR excludes those months and locations where device days are missing.
Data contained in this report were last generated on January 24, 2014 at 10:41 AM.

Answers:
1. What is your facility’s overall CAUTI SIR for the 1st quarter of 2012? Is it statistically significant?
The CAUTI SIR for the 1st quarter is 1.534. This SIR is NOT statistically significant because its p-value, 0.1398, is greater than 0.05. The same interpretation can be made from the 95% Confidence Interval; because this interval includes the value of 1.0, the SIR is not statistically significant.

It is important to note that while we include both the p-value and 95% Confidence Interval in this output, only the 95% Confidence Interval is sent to CMS and used for interpretation on Hospital Compare.
Output (Continued):

Table 4:

National Healthcare Safety Network
SIR for CAUTI Data for CMS IPPS - By OrgID/Location
As of: February 27, 2014 at 9:16 AM
Date Range: CAU_RATESICU_SCA summaryYQ 2012Q1 to 2012Q1
if (((utiPlan = "Y") AND (locationType IN ("CC")) ) )

<table>
<thead>
<tr>
<th>Org ID</th>
<th>Location</th>
<th>Summary Yr/Qtr</th>
<th>Months</th>
<th>infcount</th>
<th>Number Expected</th>
<th>Urinary Catheter Days</th>
<th>SIR</th>
<th>SIR p-value</th>
<th>95% Confidence Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>10018</td>
<td>2 MSICU</td>
<td>2012Q1</td>
<td>3</td>
<td>3</td>
<td>1.569</td>
<td>682</td>
<td>1.913</td>
<td>0.2831</td>
<td>0.486, 5.205</td>
</tr>
<tr>
<td>10018</td>
<td>22ICU</td>
<td>2012Q1</td>
<td>3</td>
<td>3</td>
<td>1.145</td>
<td>424</td>
<td>2.621</td>
<td>0.1379</td>
<td>0.667, 7.132</td>
</tr>
<tr>
<td>10018</td>
<td>71ICU</td>
<td>2012Q1</td>
<td>3</td>
<td>3</td>
<td>1.151</td>
<td>677</td>
<td>2.607</td>
<td>0.1397</td>
<td>0.663, 7.094</td>
</tr>
<tr>
<td>10018</td>
<td>MICU</td>
<td>2012Q1</td>
<td>3</td>
<td>0</td>
<td>1.608</td>
<td>699</td>
<td>0.000</td>
<td>0.2003</td>
<td>1.863</td>
</tr>
<tr>
<td>10018</td>
<td>MSICU</td>
<td>2012Q1</td>
<td>3</td>
<td>2</td>
<td>1.440</td>
<td>626</td>
<td>1.389</td>
<td>0.5980</td>
<td>0.233, 4.589</td>
</tr>
<tr>
<td>10018</td>
<td>SICU</td>
<td>2012Q1</td>
<td>3</td>
<td>2</td>
<td>1.563</td>
<td>601</td>
<td>1.280</td>
<td>0.6699</td>
<td>0.215, 4.229</td>
</tr>
</tbody>
</table>

If infCount in this table is less than you reported, aggregate data are not available to calculate numExp.
Lower bound of 95% Confidence Interval only calculated if infCount > 0. SIR values only calculated if numExp >= 1.
SIR excludes those months and locations where device days are missing.
Data contained in this report were last generated on January 24, 2014 at 10:41 AM.

Answers:

2. What is the CAUTI SIR in the 22ICU for the 1st quarter of 2012? 2.621

3. Do you have complete data entered from all 6 adult and pediatric ICUs for the 1st quarter of 2012?
   There are 3 months of data submitted for each of the 6 ICUs, and therefore the data appear to be complete. We recommend a detailed look at the number of observed infections (infcount) and the number of urinary catheter days that is presented in this table for each ICU to ensure accuracy and completeness.