1. From the navigation bar, select ‘Analysis’ and ‘Generate Data Sets’
   Generate new data sets; overwrite old ones – this ensures the report will be created using the most up-to-date data.

2. From the navigation bar, select ‘Reports’ and open these folders in order:
   - Dialysis Events
     - Numerators
     - Denominators
     - Rates

3. Locate the report and click ‘Run Report’:
   - Rate Table - Bloodstream Infection Data
   - Run Report

Optional: Click ‘Modify Report’ to customize the report.

On the Time Period tab, change the time frame to the period of interest:

Once modifications are made, scroll down and click

How to Read an NHSN Dialysis Event BSI Report

- The year and calendar quarter of the data (e.g., 2014Q1 is Jan, Feb, Mar 2014)
- The number (count) of Dialysis Event Bloodstream Infections (BSI) at the facility
- The mean or average rate of Dialysis Event BSI for all of NHSN (per 100 patient-months)
- The facility’s percentile rank for BSI as compared to all of NHSN (lower is better)

<table>
<thead>
<tr>
<th>Access Type</th>
<th>Summary YrQtr</th>
<th>Months</th>
<th>Number Bloodstream Infections</th>
<th>Patient-months</th>
<th>Bloodstream Infection Rate/100 patient-months</th>
<th>NHSN Bloodstream Infection Pooled Mean Rate/100 patient-months</th>
<th>Incidence Density p-value</th>
<th>Incidence Density Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fistula</td>
<td>2014Q1</td>
<td>3</td>
<td>0</td>
<td>93</td>
<td>0.00</td>
<td>0.48</td>
<td>0.6394</td>
<td>25</td>
</tr>
<tr>
<td>Graft</td>
<td>2014Q1</td>
<td>3</td>
<td>0</td>
<td>37</td>
<td>0.00</td>
<td>0.88</td>
<td>0.7227</td>
<td>50</td>
</tr>
<tr>
<td>Tunneloc</td>
<td>2014Q1</td>
<td>3</td>
<td>1</td>
<td>15</td>
<td>6.67</td>
<td>3.24</td>
<td>0.4709</td>
<td>83</td>
</tr>
</tbody>
</table>

- The vascular access type that applies to each row
- The number of months that had data in each quarter
- The number (count) of patient-months at the facility
- The rate of BSI at the facility (per 100 patient-months)
- The probability that the facility’s rate is statistically different than the rate for all of NHSN (a p-value less than 0.05 is usually considered statistically significant)

- NHSN DE Bloodstream Infection: any positive blood culture.
- Dialysis event data are stratified by vascular access type because infection risk varies by type.
- Regularly share the data with front line staff to engage them in prevention.