# NHSN Group-Level Excess Infections- Bloodstream Infection (BSI) Data Report Quick Reference

## How to Run and Filter the Excess Infections Report

# How to Read and Interpret the Excess Infections Report

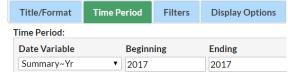
1. From the navigation bar, select 'Analysis' and 'Generate Data Sets'

### Analysis

## 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 'Analysis'> 'Reports' and open the 'Dialysis Events' folder and 'Excess Infections' sub-folder:
- **3.** Locate the 'Excess Infections- Bloodstream Infection (BSI) Data' report and click 'Run Report':
  - Suggestion: Click 'Modify Report' and in the 'Time Period' tab, enter the time period of interest.
  - For example: If you wanted to view data for the year of 2017, select Date Variable: Summary~Year, 'Beginning': 2017, 'Ending': 2017



• Make sure that the 'Display Options' tab in the 'Modify' menu has the 'Group by' drop down menu selection matches the 'Date Variable' dropdown option on the 'Time Period' tab

Title/Format	Time	Period	Filters	Display Op	tions	
TAP Options:						
SIR Goal	Source:	HHS Goal	•	Group by:	Summary~Yr	

• Once modifications are made, scroll down and click 'Run'.

#### Pooled Data

After running the report, you will see pooled data for all facilities in the group, located above the facility-specific table:

Number of Facilities	Summary Yr	In-Plan Patient Months	Events	Predicted BSI	Excess Infections	SIR_Goal
6	2016	1158	48	11.4846	36.515	1

Note: The Excess Infections Report will only display data for years that h	nave ended

by number of n Excess Infections P			nu Pa	e summe mber of tient-Mo enominat	nths	reported by each ths facility to NHSN			h	The number of BSIs predicted for each facility (using NHSN Dialysis Event national rates)			
Facility Rank	Facility Org ID	CMS Certifi Numb		Summary Yr	R	acility I	Name	State	In-Pla Patier Month	nt	Events	Predicted BSI	Excess Infections
1	10055	888888		2016	Dialysis <sup>•</sup>	Dialysis Test Facility 2				268	14	3.1628	10.837
2	10001	666666		2016	Dialysis '	Test Fa	acility 1	н		162	7	1.7177	5.282
3	10856	111111		2016	Dialysis '	Test Fa	acility 3	GA		27	5	0.2276	4.772
4	14215	000005		2016	Dialysis '	Test Fa	acility 6	GA		22	1	0.2619	0.738
	•	•		1			_						<b></b>
	Facility Org IDs and CMS Certification Numbers (CCNs)			of the	ne perio data be ved in th	ing		The number of Excess Infections shows the <u>difference</u> between the number of observed BSI Events and the number of predicted BSI Events					er of

Excess Infections are calculated using the same data used to calculate the Bloodstream Infection Standardized Infection Ratio (BSI SIR)

#### # Excess Infections = Observed # BSI Events – Predicted # BSI

The facility's number of Excess Infections for the timeframe of interest

- Excess Infections > 0: more infections than predicted
- Excess Infections = 0: same as predicted
- Excess Infections < 0: fewer infections than predicted</li>

To select facilities with the greatest number of Excess Infections, start with those facilities at the top of the report (i.e., top ranking)

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