

NHSN Dialysis Event ARB Report Quick Reference

NHSN Helpdesk: nhsn@cdc.gov

How to Create an NHSN Access Related Bloodstream Infection Report






- 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.

- From the navigation bar, select 'Output Options.' Open the following folders, in order:

-  Dialysis Events ← 1.
 -  Numerators
 -  Denominators
 -  Rates ← 2.
 -  CDC Defined Output ← 3.

- Under the last folder, locate the report and click the 'Run' button:

 Rate Table - Access Related Bloodstream Infection Run Modify

Optional: Next to the desired report, click the 'Modify' button to customize the report to your needs.

Run Modify

Two possible modifications are to change the report's file format (CSV, HTML, or PDF) and/or limit the report to a specific time frame:

Date Variable	Beginning	Ending	
summaryYQ ▼	2014Q1	2014Q2	Clear Time Period

Once modifications are made, scroll down and click

Run

Report opens in a new window – set Internet Explorer to allow pop-ups from *.cdc.gov

How to Read an NHSN Access Related Bloodstream (ARB) Infection Report

The year and calendar quarter of the data (e.g., 2014Q1 is Jan, Feb, Mar 2014)

The number (count) of Access Related Bloodstream Infections (ARB) at the facility

The mean or average rate of Dialysis Event ARB for all of NHSN (per 100 patient-months)

The facility's percentile rank for ARB as compared to all of NHSN (lower is better)

Access Type	Summary Yr/Qtr	Months	Number Access Related Bloodstream Infections	Patient-months	Access Related Bloodstream Infection Rate/100 patient-months	NHSN Access Related Bloodstream Infection Rate/100 patient-months	Incidence Density p-value	Incidence Density Percentile
Fistula	2014Q1	3	0	300	0.00	0.23	0.7954	50
Graft	2014Q1	3	1	110	0.91	0.51	0.5435	82
Tunneled	2014Q1	3	1	100	1.00	2.55	0.3559	38

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 ARB 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 Dialysis Event Access Related Bloodstream Infection:** a positive blood culture with the suspected source identified as the vascular access site or uncertain.
- 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.
- Go to <http://www.cdc.gov/dialysis/prevention-tools/core-interventions.html> for BSI prevention resources.