

NHSN Guide to Interpreting the Dialysis Event 21 Day Rule Checks Report

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How to Create a Data Quality Report to Find 21 Day Rule Violations

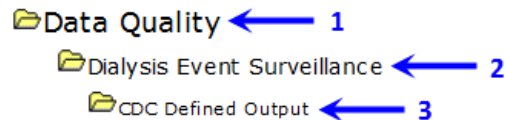
- From the navigation bar, select 'Analysis' and 'Generate Data Sets'

Analysis

▶ Generate Data Sets

Generate new data sets; overwrite old ones – this ensures the report will capture the most up-to-date data.

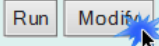
- From the navigation bar, select 'Output Options' and open these folders in order:



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



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



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

Date Variable	Beginning	Ending	
FirsteventDate	01/01/2015		Clear Time Period

Pro Tip: Select 'FirsteventDate' as the 'Date Variable' when specifying a time frame for the 'LL – DE 21 Day Rule Checks' report.

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. Created on 3/15/2015

What is the 21 Day Rule?

This rule reduces over-reporting of dialysis events that are likely related to the same patient problem. The rule states that at least 21 or more days should pass between two events of the *same* type for the second occurrence to be reported as a separate dialysis event in NHSN.

Interpreting the Line Listing – DE 21 Day Rule Checks Report

Dialysis Event Types:

ABX = IV antimicrobial start
PBC = Positive blood culture
PRS = Pus, redness, or increased swelling at vascular access site

All dialysis events entered in NHSN have unique event identifiers.

The date of the second dialysis event of the same type reported to NHSN.

The number of days between the 1st and 2nd event of the same type.

Facility Org ID	CMS Certification Number	Patient ID	Patient First Name	Patient Last Name	First Event ID	Second Event ID	First Event Date	Second Event Date	# of Days Between Dialysis Events of Same Type	Dialysis Event Type
10877	000001	0001	Jane	Test	44485	44626	01/12/2015	01/19/2015	7	ABX
10877	000001	0002	Jane	Brown	44620	44627	02/04/2015	02/12/2015	8	ABX
10877	000001	0002	Jane	Brown	44620	44627	02/04/2015	02/12/2015	8	PBC
10877	000001	0003	JD	Conner	44621	44628	02/19/2015	02/27/2015	8	PRS
10877	000001	0004	Shirley	Munster	44622	44635	02/10/2015	03/02/2015	20	ABX
10877	000001	0004	Shirley	Munster	44635	44636	03/02/2015	03/04/2015	2	ABX

Facility Identifiers

Patient Identifiers

The date of the first dialysis event reported to NHSN.

The dialysis event type for which a 21-day rule violation has occurred.

- Regularly run the Line Listing – DE 21 Day Rule Checks report for 21 day rule violations.
- To identify and reconcile potential 21 day rule violations, review dialysis events reported during the following months:
 - the month prior to the first event date;
 - the month of the first event date; and
 - the month following the first event date
- The 21 Day Rule is applied differently for each dialysis event type:** Check the Dialysis Event Surveillance Protocol (<http://www.cdc.gov/nhsn/pdfs/pscmanual/8pscdialysiseventcurrent.pdf>) to learn how it is applied to positive blood cultures, IV antimicrobial starts, and pus, redness, or swelling events.