

HEALTHCARE-ASSOCIATED INFECTIONS REPORT FOR A HEALTHCARE CONSUMER AUDIENCE

2016



Introduction	<u>3</u>
Methods and how to use the information in this report	<u>4</u>
Understanding the data	<u>6</u>
Results	<u>7</u>
Statewide summary	<u>8</u>
Summary tables	<u>9</u>
Acute care hospitals (ACH)	<u>9</u>
Long-term acute care hospitals (LTACH)	<u>12</u>
Inpatient rehabilitation facilities (IRF)	<u>13</u>
Outpatient hemodialysis facilities	<u>14</u>
Infection specific tables	<u>17</u>
ACH	<u>18</u>
LTACH	<u>34</u>
IRF	<u>37</u>
Outpatient hemodialysis facilities	<u>38</u>
Fast facts about HAI	<u>44</u>
Things to think about when choosing a healthcare facility	<u>45</u>
What patients can do to prevent infection	<u>46</u>
List of acronyms	<u>47</u>

WHAT IS THE PURPOSE OF THE REPORT?

This report is meant to help patients to learn about healthcare-associated infections (HAIs) at the healthcare facility where they may get health care. HAIs are infections patients can get while getting medical care.

Healthcare facilities report numbers (data) about certain HAIs because they want to know how well they are doing in preventing them, and how they compare with other healthcare facilities of similar size and with similar kinds of patients.

Patients can use this information to ask healthcare providers questions before seeking and while receiving medical treatment. Asking the right questions can also help patients learn how to prevent infections.

This report looks at six types of HAIs:

1. Central line-associated bloodstream infections (CLABSI)
2. Catheter-associated urinary tract infections (CAUTI)
3. Surgical site infections (SSI) following colon surgeries and abdominal hysterectomies
4. Positive laboratory tests of methicillin-resistant *Staphylococcus aureus* (MRSA) bacteria found in the bloodstream
5. Positive laboratory tests of *Clostridium difficile* (*C. difficile*) bacteria found in stool (feces)
6. Infections in outpatient hemodialysis centers.

Click [here](#) for “Fast Facts” about central lines, urinary catheters, and the HAIs discussed in this report.

Healthcare facilities are required by the Connecticut Department of Public Health (DPH) to report these six types of HAIs. More information about Connecticut’s mandatory reporting can be found on the Internet at: <http://www.ct.gov/dph/hai>

The infections we report are not all the possible infections, but were selected because they are important and give a good sense of how well a healthcare facility is preventing healthcare-associated infections. Many of these infections are preventable when healthcare providers use infection prevention steps recommended by the Centers for Disease Control and Prevention (CDC). The information in this report can help you to think about whether a particular healthcare facility is the best place for you to receive care, though other factors beyond the scope of this report are worth considering.

Click [here](#) for more things to think about when it comes to choosing a healthcare facility, and [here](#) for things you can do to prevent infections.

HOW DO I READ THE REPORT?

This report looks at how healthcare facilities in Connecticut performed in infection prevention by showing how many HAIs they reported in 2016. It shows whether a healthcare facility had more HAIs, fewer HAIs, or about the same number of HAIs compared to similar facilities in the nation and in the state. This comparison takes into account differences between healthcare facilities such as types of patients and procedures, as well as other factors such as the facility's size and whether it is a part of a medical school.

WHAT DO THE NUMBERS MEAN?

It is important to understand that numbers of infections all by themselves will not show how well a healthcare facility is preventing HAIs. This report shows how healthcare facilities did during a single year (2016), and compares each facility's performance to the national baseline and to the state average. This takes into account the size of the healthcare facility and the number of patients.

One of the numbers presented in this report are "predicted infections" (or "predicted events"). This number is based on how many healthcare-associated infections were seen in similar facilities in the past, during a baseline period. In this report the baseline is the year 2015. This number helps us track facilities' progress in fighting HAIs.

If you would like to learn more about how we compared facilities to the national baseline and state average, you can get more information in the Methods section of the Provider report, also available on CT DPH website.

WHERE DO THE NUMBERS COME FROM?

Healthcare facility staff self-report their HAI data to the CDC and the DPH using a free, secure, web-based software system called the National Healthcare Safety Network (NHSN). CDC and the DPH HAI program provide training to hospital staff on how to use of this system and on how to track infections in a standard way.

More information about NHSN can be found here: <http://www.cdc.gov/nhsn/>

THINGS TO THINK ABOUT WHEN LOOKING AT THE REPORT

This report covers data from calendar year 2016. It is good to keep the following five things in mind when looking at this report. A complete list can be found in the Provider report.

1. The data quality is checked.

Reported data are self-reported by the healthcare facilities' staff. DPH HAI Program staff look over the data and periodically contact facilities' reporting staff to make sure the reported numbers are correct. However, the reports have not been directly checked by public health staff looking at patient charts, which is the best way to check.

2. There may be differences in reporting practices among healthcare facilities.

For example, healthcare facilities with more infection control staff to count infections may be able to identify and report more infections compared to a healthcare facility with fewer infection control staff.

3. There may be differences between results published by the results in this report and results published elsewhere (e.g., CMS - Centers for Medicare and Medicaid Services' *Hospital Compare* website). Results may differ due to using data from different time periods, different facility types, different patient populations, and/or different methods of analysis.

4. We do not report some data for individual healthcare facility units, procedures or facilities that are too small, or did not have enough surgeries to meet a reporting threshold for the reporting period. The threshold numbers are based on CDC recommendations for reporting healthcare-associated infection data. For predicted number of infections, this threshold is 1.0. If the number is lower than the threshold, it

means there is not enough information to judge the healthcare facility's performance on this measure. In these situations, the comparison to the nation and the state average is left blank.

5. Laboratory-Identified Events (LabID Events): *Clostridium difficile* infections (CDI) and methicillin-resistant *Staphylococcus aureus* (MRSA) bacteremia (blood infection) LabID events rely on laboratory data without requiring clinical information about the patient. Patients did not have to be ill to have a positive result. Only those LabID events that occurred more than three calendar days after admission are shown in this report to avoid counting infections already present on admission to the facility, because those infections come from the community, not the healthcare facility.

DATA PRESENTED IN THIS REPORT

The following tables summarize findings about HAI in Connecticut's healthcare facilities. Included are the following:

- Acute care hospitals (ACH)
- Long-term acute care hospitals (LTACH)
- Inpatient rehabilitation facilities (IRF)
- Outpatient hemodialysis facilities (Dialysis)

In addition to being reported from the whole facility, HAI are also reported by "unit", such as adult or pediatric ICUs or wards. Because the numbers of infections can vary between different units, it can give you more useful information about a healthcare facility.

Types of HAI presented in this report:

- CLABSI: Central line-associated blood stream infections
- CAUTI: Catheter-associated urinary tract infections
- SSI: Surgical site infections (colon surgeries and abdominal hysterectomies)
- MRSA: methicillin-resistant *Staphylococcus aureus* infections
- CDI: *Clostridium difficile* infections

You can find out more about these infections in the [appendix](#).

Some facilities or units in some facilities will not report some of these infections. This is either because they are not required to report the data, or because the surgeries that are tracked are not performed at that facility.

FACILITIES' PERFORMANCE

Facilities' performance in HAI prevention is shown by comparing them to other facilities to account for factors outside their control that may lead to infections. To do this, two key numbers are presented: the number of observed infections, and the number of "predicted infections", which is calculated by the CDC based on numbers of infections in facilities of similar size, patients, etc. Using these two numbers, we can find out how a given facility or its different units are doing compared to both the state and to the national baseline. We used the following graphics to show how a facility is performing in this report:

- ★ = compared to other facilities in the state or nationally, the facility is doing better in this HAI
- ✗ = the facility is doing worse
- ≡ = the facility is doing about the same

In some cases, the cells in the table for comparison are left empty. This is because in these facilities or units, the predicted number is than 1. This means the number or unit is too small to make a reliable conclusion about how the facility compares.

HAI REPORT 2015: RESULTS

Statewide summary	<u>8</u>
Summary tables	<u>9</u>
Acute care hospitals (ACH)	<u>9</u>
Long-term acute care hospitals (LTACH)	<u>12</u>
Inpatient rehabilitation facilities (IRF)	<u>13</u>
Outpatient hemodialysis facilities	<u>14</u>
Infection specific tables	<u>17</u>
ACH.....	<u>18</u>
LTACH	<u>34</u>
IRF	<u>37</u>
Outpatient hemodialysis facilities	<u>38</u>

LEGEND



Fewer infections (better) in 2016 than predicted based on national experience with given HAI and type of facility



About the same number of infections in 2016 as predicted based on national experience with given HAI and type of facility



When the number of predicted infections is less than 1, no conclusion can be made



Number of infections evaluated on facility level only



More infections (worse) in 2016 than predicted based on national experience with given HAI and type of facility

N/A Measure not reported to the DPH

Acute care hospitals	CLABSI	CAUTI	Colon SSI	Abdominal hysterectomy SSI	MRSA	CDI
All locations	=	=	=	=	=	=
Adult ICU	=	★				
NICU	=	N/A				
Pedi ICU	=	=				
Adult ward	=	=				
Pedi ward	✗					

Long-term acute care hospitals	CLABSI	CAUTI	MRSA	CDI
All locations	★	=	★	★
Adult ICU	★	=		
Adult Ward	★	=		
Pedi Ward				

Inpatient rehabilitation facilities	CAUTI
All IRF	=

Outpatient hemodialysis centers	BSI	LASI
All centers	✗	✗

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

N/A The facility does not perform this procedure

FACILITY NAME	Bloodstream Infections (CLABSI)	Urinary Tract Infections (CAUTI)	Colon Surgical Site Infections (SSI)	Surgical Site Infections from Abdominal Hysterectomies	<i>C. difficile</i> Events	Methicillin-Resistant Staphylococcus aureus (MRSA) Events
Bridgeport Hospital	==	★	==	==	==	==
Bristol Hospital	==	==	==		★	
Connecticut Children's Medical Center	==	==			==	==
Danbury Hospital	==	==	==	==	★	==
Day Kimball Hospital					==	
Eastern Connecticut Health Network—Manchester Memorial Hospital	==	==	✗	==	==	==
Eastern Connecticut Health Network—Rockville General Hospital		==			==	
Greenwich Hospital	==	==	✗		==	==
Griffin Hospital	==	==	==		==	
Hartford Hospital	==	==	==	==	==	==
Hospital at Hebrew Care			N/A	N/A		

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

N/A The facility does not perform this procedure

FACILITY NAME	Bloodstream Infections (CLABSI)	Urinary Tract Infections (CAUTI)	Colon Surgical Site Infections (SSI)	Surgical Site Infections from Abdominal Hysterectomies	<i>C. difficile</i> Events	Methicillin-Resistant Staphylococcus aureus (MRSA) Events
Johnson Memorial Hospital					=	
Lawrence & Memorial Hospital	=	=	=		X	=
Masonicare Health Center			N/A	N/A	=	
Middlesex Hospital	=	=	=		=	=
MidState Medical Center	=	=	=		X	=
Milford Hospital	=	=			=	
New Milford Hospital					=	
Norwalk Hospital	★	=	=		★	=
Sharon Hospital					=	
St. Francis Hospital and Medical Center	=	=	=	=	=	=
St. Mary's Hospital	=	X	=	=	=	=

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

N/A The facility does not perform this procedure

FACILITY NAME	Bloodstream Infections (CLABSI)	Urinary Tract Infections (CAUTI)	Colon Surgical Site Infections (SSI)	Surgical Site Infections from Abdominal Hysterectomies	<i>C. difficile</i> Events	Methicillin-Resistant Staphylococcus aureus (MRSA) Events
St. Vincent's Medical Center	=	=	=		X	=
Stamford Hospital	=	=	=	=	=	=
The Charlotte Hungerford Hospital	=	=	=		=	
The Hospital of Central Connecticut	=	=	=	=	=	=
The William W. Backus Hospital	=	=	=		=	=
University of Connecticut Health Center	X	=	=	=	X	=
Waterbury Hospital Health Center	X	X	=		=	=
Windham Hospital					=	
Yale-New Haven Hospital	=	=	=	=	=	X
Yale-New Haven Hospital —St. Raphael Campus	=	=	=		=	=

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Bloodstream infections (CLABSI)	Urinary tract infections (CAUTI)	<i>C. difficile</i> Events	Methicillin-Resistant Staphylococcus aureus (MRSA) Events
Gaylord Hospital	★	=	=	★
Healthcare Center at the CT Veterans' Home, Rocky Hill		=	★	★
Hospital for Special Care	★	=	★	★

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Urinary Tract Infections (CAUTI)
Danbury Hospital	
Lawrence & Memorial Hospital	
Mount Sinai Rehabilitation Hospital	
St. Vincent's Medical Center	
Stamford Hospital	
Yale-New Haven Hospital—Saint Raphael Campus	
Yale-New Haven Hospital	

**LEGEND**

Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

FACILITY NAME	Bloodstream infections (BSI) SIR	Local access associated infections (LASI) rate
Black Rock Dialysis	==	==
Bloomfield Dialysis	==	==
Branford Dialysis	==	==
Bridgeport Dialysis	==	✗
Central Connecticut Dialysis Center	==	==
Comprehensive Dialysis Care, LLC	==	==
Danbury Dialysis Center	==	==
DaVita Waterbury Heights Dialysis	✗	==
Dialysis Center Of Newington	==	==
East Hartford Dialysis Center	★	★
Enfield Dialysis Center	==	==
Farmington Dialysis	==	==
FMC Dialysis Services Forestville	==	★
FMC of Fairfield	==	==
FMC of Hartford	==	==
FMC of Southington	✗	★

**LEGEND**

Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

FACILITY NAME	Bloodstream infections (BSI) SRI	Local access associated infections (LASI) rate
FMC of Western Hartford	=	★
FMC Shoreline	=	=
FMC Windsor	=	=
Greater Waterbury DaVita Dialysis	=	=
Hamden Dialysis	=	=
Hartford Dialysis	×	×
Hartford Hospital	×	=
Housatonic Dialysis	=	=
Manchester Dialysis Center	=	=
Middlesex Dialysis Center, LLC.	=	★
Milford Dialysis	=	=
New Britain General Hospital	=	=
New Haven Dialysis	×	×
New London Dialysis	★	=
North Haven Dialysis	=	=
Norwich Dialysis	=	=

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

FACILITY NAME	Bloodstream infections (BSI) SRI	Local access associated infections (LASI) rate
Palomba Drive Dialysis	==	==
Physicians Dialysis Inc. Rocky Hill	==	==
Shelton Dialysis	==	==
South Norwalk Dialysis	==	×
St. Raphael Dialysis Center	==	×
Stamford Dialysis	==	==
Torrington Dialysis	==	==
U.S. Renal Care Branford Dialysis	==	==
U.S. Renal Care North Haven Dialysis	==	==
U.S. Renal Care Orange Dialysis	==	==
UCONN Dialysis Center	==	×
Vernon Dialysis Center	★	×
Wallingford Dialysis Care, LLC.	==	==
Willard Avenue Dialysis	==	==
Windham Dialysis Center	==	★

Infection-specific tables

Acute care hospitals

CLABSI	18
CAUTI	22
Colon SSI.....	26
Abdominal hysterectomy SSI	28
MRSA	30
<i>C. difficile</i> infections	32

Long-term acute care hospitals

CLABSI	34
CAUTI	35
MRSA	36
<i>C. difficile</i> infections	36

Inpatient rehabilitation facilities

CAUTI	37
-------------	--------------------

Outpatient hemodialysis facilities

BSI	38
LASI	41

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Bridgeport Hospital	Adult ICUs	3	5.22	==	==
	Adult Wards	10	11.61	==	==
Bristol Hospital	Adult ICUs	1	Less than 1.0		
	Adult Wards	0	Less than 1.0		
Connecticut Children's Medical Center	Pediatric ICUs	4	2.96	==	==
	Neonatal ICUs	1	5.56	==	★
	Pediatric Wards	6	2.20	==	✗
Danbury Hospital	Adult ICUs	2	2.51	==	==
	Neonatal ICUs	0	Less than 1.0		
	Adult Wards	1	2.68	==	==
	Pediatric Wards	0	Less than 1.0		
Day Kimball Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	0	Less than 1.0		
Eastern Connecticut Health Network—Manchester Memorial Hospital	Adult ICUs	2	1.15	==	==
	Neonatal ICUs	0	Less than 1.0		
	Adult Wards	1	1.00	==	==
Eastern Connecticut Health Network—Rockville General Hospital	Adult ICUs	2	Less than 1.0		
	Adult Wards	0	Less than 1.0		

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Greenwich Hospital	Adult ICUs	2	Less than 1.0		
	Neonatal ICUs	0	Less than 1.0		
	Adult Wards	2	2.61	=	=
	Pediatric Wards	0	Less than 1.0		
Griffin Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	0	Less than 1.0		
Hartford Hospital	Adult ICUs	9	15.80	=	=
	Adult Wards	19	9.94	X	X
Hospital at Hebrew Care	Adult Wards	0	Less than 1.0		
Johnson Memorial Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	0	Less than 1.0		
Lawrence & Memorial Hospital	Adult ICUs	0	1.70	=	=
	Neonatal ICUs	0	Less than 1.0		
	Adult Wards	1	2.61	=	=
Masonicare Health Center	Adult Wards	0	Less than 1.0		
Middlesex Hospital	Adult ICUs	1	Less than 1.0		
	Adult Wards	1	1.79	=	=
MidState Medical Center	Adult ICUs	2	Less than 1.0		
	Adult Wards	2	1.24	=	=



STATE HAI REPORT 2016

ACUTE CARE HOSPITALS: CLABSI

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Milford Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	0	Less than 1.0		
New Milford Hospital	Adult Wards	1	Less than 1.0		
Norwalk Hospital	Adult ICUs	0	1.49	≡	≡
	Neonatal ICUs	0	Less than 1.0		
	Adult Wards	0	2.53	≡	≡
Sharon Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	0	Less than 1.0		
St. Francis Hospital and Medical Center	Adult ICUs	4	7.50	≡	≡
	Neonatal ICUs	5	Less than 1.0		
	Adult Wards	4	5.69	≡	≡
St. Mary's Hospital	Adult ICUs	5	1.96	≡	≡
	Neonatal ICUs	0	Less than 1.0		
	Adult Wards	3	1.72	≡	≡
St. Vincent's Medical Center	Adult ICUs	2	2.06	≡	≡
	Adult Wards	2	2.20	≡	≡
Stamford Hospital	Adult ICUs	4	1.88	≡	≡
	Neonatal ICUs	0	Less than 1.0		
	Adult Wards	0	3.63	★	★
	Pediatric Wards	0	Less than 1.0		

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
The Charlotte Hungerford Hospital	Adult ICUs	3	Less than 1.0		
	Adult Wards	0	1.77	==	==
The Hospital of Central Connecticut	Adult ICUs	6	3.95	==	==
	Neonatal ICUs	0	Less than 1.0		
	Adult Wards	4	4.05	==	==
The William W. Backus Hospital	Adult ICUs	2	Less than 1.0		
	Adult Wards	1	3.49	==	==
University of Connecticut Health Center	Adult ICUs	5	1.94	==	==
	Adult Wards	4	1.59	==	==
Waterbury Hospital Health Center	Adult ICUs	5	3.04	==	==
	Adult Wards	7	3.25	==	==
Windham Hospital	Adult Wards	0	Less than 1.0		
Yale-New Haven Hospital— St. Raphael Campus	Adult ICUs	0	1.80	==	==
	Adult Wards	3	3.67	==	==
Yale-New Haven Hospital	Adult ICUs	16	17.26	==	==
	Pediatric ICUs	5	2.68	==	==
	Neonatal ICUs	5	7.65	==	==
	Adult Wards	27	20.91	==	==
	Pediatric Wards	3	1.28	==	==

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Bridgeport Hospital	Adult ICUs	6	8.97	==	==
	Adult Wards	5	11.60	★	★
Bristol Hospital	Adult ICUs	0	1.19	==	==
	Adult Wards	0	1.38	==	==
Connecticut Children's Medical Center	Pediatric ICUs	0	Less than 1.0		
	Pediatric Wards	1	Less than 1.0		
Danbury Hospital	Adult ICUs	2	4.56	==	==
	Adult Wards	6	4.93	==	==
	Pediatric Wards	0	Less than 1.0		
Day Kimball Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	0	Less than 1.0		
Eastern Connecticut Health Network—Manchester Memorial Hospital	Adult ICUs	0	2.00	==	==
	Adult Wards	3	1.70	==	==
Eastern Connecticut Health Network—Rockville General Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	0	Less than 1.0		

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Greenwich Hospital	Adult ICUs	0	1.29	==	==
	Adult Wards	4	3.19	==	==
	Pediatric Wards	0	Less than 1.0		
Griffin Hospital	Adult ICUs	0	1.08	==	==
	Pediatric ICUs	2	1.27	==	==
Hartford Hospital	Adult ICUs	34	30.96	==	==
	Adult Wards	19	15.59	==	==
Hospital at Hebrew Care	Adult Wards	0	Less than 1.0		
Johnson Memorial Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	1	Less than 1.0		
Lawrence & Memorial Hospital	Adult ICUs	5	3.56	==	==
	Adult Wards	3	3.45	==	==
Masonicare Health Center	Adult Wards	1	Less than 1.0		
Middlesex Hospital	Adult ICUs	0	1.09	==	==
	Adult Wards	2	1.33	==	==
MidState Medical Center	Adult ICUs	1	1.14	==	==
	Adult Wards	1	1.84	==	==

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Milford Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	1	Less than 1.0		
New Milford Hospital	Adult Wards	0	Less than 1.0		
Norwalk Hospital	Adult ICUs	1	1.53	==	==
	Adult Wards	3	1.97	==	==
Sharon Hospital	Adult ICUs	0	Less than 1.0		
	Adult Wards	0	Less than 1.0		
St. Francis Hospital and Medical Center	Adult ICUs	4	9.45	==	==
	Adult Wards	10	6.63	==	==
St. Mary's Hospital	Adult ICUs	6	2.44	X	==
	Adult Wards	5	2.08	==	==
St. Vincent's Medical Center	Adult ICUs	3	2.13	==	==
	Adult Wards	3	1.67	==	==
Stamford Hospital	Adult ICUs	3	1.55	==	==
	Adult Wards	2	1.83	==	==
	Pediatric Wards	0	Less than 1.0		

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
The Charlotte Hungerford Hospital	Adult ICUs	2	1.23	==	==
	Adult Wards	2	2.49	==	==
The Hospital of Central Connecticut	Adult ICUs	6	6.46	==	==
	Adult Wards	5	6.03	==	==
The William W. Backus Hospital	Adult ICUs	1	1.84	==	==
	Adult Wards	4	3.86	==	==
University of Connecticut Health Center	Adult ICUs	2	1.91	==	==
	Adult Wards	1	1.90	==	==
Waterbury Hospital Health Center	Adult ICUs	5	2.64	==	==
	Adult Wards	6	2.75	==	==
Windham Hospital	Adult Wards	3	Less than 1.0		
Yale-New Haven Hospital— St. Raphael Campus	Adult ICUs	4	4.30	==	==
	Adult Wards	5	4.91	==	==
Yale-New Haven Hospital	Adult ICUs	23	33.11	==	==
	Pediatric ICUs	4	1.21	==	X
	Adult Wards	11	15.33	==	==
	Pediatric Wards	0	Less than 1.0		



LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

N/A The facility does not perform this procedure

FACILITY NAME	Number of procedures	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Bridgeport Hospital	176	8	4.59	==	==
Bristol Hospital	61	1	1.71	==	==
Connecticut Children's Medical Center	5	1	Less than 1.0		
Danbury Hospital	208	3	5.48	==	==
Day Kimball Hospital	30	3	Less than 1.0		
Eastern Connecticut Health Network—Manchester Memorial Hospital	82	6	2.14	==	✗
Eastern Connecticut Health Network—Rockville General Hospital	8	0	Less than 1.0		
Greenwich Hospital	178	10	4.18	==	✗
Griffin Hospital	55	0	1.42	==	==
Hartford Hospital	476	7	12.05	==	==
Hospital at Hebrew Care	N/A				
Johnson Memorial Hospital	14	0	Less than 1.0		
Lawrence & Memorial Hospital	78	0	1.99	==	==
Masonicare Health Center	N/A				
Middlesex Hospital	155	5	3.81	==	==
MidState Medical Center	110	5	2.78	==	==



LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

N/A The facility does not perform this procedure

FACILITY NAME	Number of procedures	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Milford Hospital	24	0	Less than 1.0		
New Milford Hospital	3	0	Less than 1.0		
Norwalk Hospital	113	2	2.73	==	==
Sharon Hospital	13	0	Less than 1.0		
St. Francis Hospital and Medical Center	302	7	7.79	==	==
St. Mary's Hospital	112	3	3.05	==	==
St. Vincent's Medical Center	73	3	1.90	==	==
Stamford Hospital	128	4	3.37	==	==
The Charlotte Hungerford Hospital	57	1	1.41	==	==
The Hospital of Central Connecticut	234	4	5.81	==	==
The William W. Backus Hospital	132	5	3.33	==	==
University of Connecticut Health Center	86	3	2.30	==	==
Waterbury Hospital Health Center	134	4	3.61	==	==
Windham Hospital	12	0	Less than 1.0		
Yale-New Haven Hospital—St. Raphael Campus	168	7	4.18	==	==
Yale-New Haven Hospital	480	19	13.56	==	==

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

N/A The facility does not perform this procedure

FACILITY NAME	Number of procedures	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Bridgeport Hospital	246	4	1.95	==	==
Bristol Hospital	98	0	Less than 1.0		
Connecticut Children's Medical Center	0	0	Less than 1.0		
Danbury Hospital	163	3	1.34	==	==
Day Kimball Hospital	35	0	Less than 1.0		
Eastern Connecticut Health Network—Manchester Memorial Hospital	154	1	1.27	==	==
Eastern Connecticut Health Network—Rockville General Hospital	1	0	Less than 1.0		
Greenwich Hospital	122	1	Less than 1.0		
Griffin Hospital	50	0	Less than 1.0		
Hartford Hospital	665	4	4.88	==	==
Hospital at Hebrew Care	N/A				
Johnson Memorial Hospital	15	0	Less than 1.0		
Lawrence & Memorial Hospital	73	1	Less than 1.0		
Masonicare Health Center	N/A				
Middlesex Hospital	89	0	Less than 1.0		
MidState Medical Center	98	0	Less than 1.0		



LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

N/A The facility does not perform this procedure

FACILITY NAME	Number of procedures	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Milford Hospital	13	0	Less than 1.0		
New Milford Hospital	9	0	Less than 1.0		
Norwalk Hospital	67	0	Less than 1.0		
Sharon Hospital	6	0	Less than 1.0		
St. Francis Hospital and Medical Center	328	3	2.58	==	==
St. Mary's Hospital	147	2	1.28	==	==
St. Vincent's Medical Center	76	0	Less than 1.0		
Stamford Hospital	201	3	1.50	==	==
The Charlotte Hungerford Hospital	16	0	Less than 1.0		
The Hospital of Central Connecticut	206	3	1.62	==	==
The William W. Backus Hospital	24	0	Less than 1.0		
University of Connecticut Health Center	162	2	1.30	==	==
Waterbury Hospital Health Center	28	0	Less than 1.0		
Windham Hospital	7	0	Less than 1.0		
Yale-New Haven Hospital—St. Raphael Campus	16	0	Less than 1.0		
Yale-New Haven Hospital	698	2	5.92	==	==

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Patient days	Observed events	Predicted events	How does this facility compare?	
				State	National baseline
Bridgeport Hospital	98,409	8	6.20	=	=
Bristol Hospital	26,578	0	Less than 1.0		
Connecticut Children's Medical Center	49,484	0	1.42	=	=
Danbury Hospital	89,757	3	3.89	=	=
Day Kimball Hospital	14,603	0	Less than 1.0		
Eastern Connecticut Health Network—Manchester Memorial Hospital	30,367	0	1.28	=	=
Eastern Connecticut Health Network—Rockville General Hospital	9,129	1	Less than 1.0		
Greenwich Hospital	56,019	1	2.46	=	=
Griffin Hospital	24,177	2	Less than 1.0		
Hartford Hospital	205,703	16	19.46	=	=
Hospital at Hebrew Care	1,034	0	Less than 1.0		
Johnson Memorial Hospital	9,676	2	Less than 1.0		
Lawrence & Memorial Hospital	51,982	2	2.11	=	=
Masonicare Health Center	4,051	0	Less than 1.0		
Middlesex Hospital	52,887	0	1.88	=	=
MidState Medical Center	33,595	3	1.30	=	=

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Patient days	Observed events	Predicted events	How does this facility compare?	
				State	National baseline
Milford Hospital	11,290	1	Less than 1.0		
New Milford Hospital	6,000	0	Less than 1.0		
Norwalk Hospital	49,081	2	2.61	=	=
Sharon Hospital	6,009	0	Less than 1.0		
St. Francis Hospital and Medical Center	138,815	6	7.46	=	=
St. Mary's Hospital	43,191	2	1.77	=	=
St. Vincent's Medical Center	77,764	6	4.78	=	=
Stamford Hospital	65,566	0	2.58	=	=
The Charlotte Hungerford Hospital	21,875	2	Less than 1.0		
The Hospital of Central Connecticut	65,785	6	2.92	=	=
The William W. Backus Hospital	46,326	1	2.03	=	=
University of Connecticut Health Center	34,608	0	1.41	=	=
Waterbury Hospital Health Center	46,076	3	2.31	=	=
Windham Hospital	8,770	1	Less than 1.0		
Yale-New Haven Hospital—St. Raphael Campus	75,119	1	3.77	=	=
Yale-New Haven Hospital	304,612	28	15.04	=	×

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Patient days	Observed events	Predicted events	How does this facility compare?	
				State	National baseline
Bridgeport Hospital	93,333	68	58.13	==	==
Bristol Hospital	25,125	7	16.32	★	★
Connecticut Children's Medical Center	31,109	6	10.53	==	==
Danbury Hospital	80,751	29	56.78	★	★
Day Kimball Hospital	13,395	6	7.17	==	==
Eastern Connecticut Health Network—Manchester Memorial Hospital	26,080	17	17.44	==	==
Eastern Connecticut Health Network—Rockville General Hospital	9,129	8	4.31	==	==
Greenwich Hospital	47,299	39	34.88	==	==
Griffin Hospital	24,177	17	10.26	==	==
Hartford Hospital	196,963	191	173.07	==	==
Hospital at Hebrew Care	1,034	0	Less than 1.0		
Johnson Memorial Hospital	9,214	6	4.34	==	==
Lawrence & Memorial Hospital	46,933	54	37.54	✗	✗
Masonicare Health Center	4,051	2	1.05	==	==
Middlesex Hospital	50,130	19	25.64	==	==
MidState Medical Center	31,426	36	18.29	✗	✗

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Patient days	Observed events	Predicted events	How does this facility compare?	
				State	National baseline
Milford Hospital	11,290	7	6.57	==	==
New Milford Hospital	6,000	2	2.00	==	==
Norwalk Hospital	43,904	25	40.02	★	★
Sharon Hospital	5,379	0	2.23	==	==
St. Francis Hospital and Medical Center	132,980	88	91.96	==	==
St. Mary's Hospital	39,983	26	27.37	==	==
St. Vincent's Medical Center	74,427	71	52.36	✗	✗
Stamford Hospital	56,885	45	38.04	==	==
The Charlotte Hungerford Hospital	20,789	15	13.40	==	==
The Hospital of Central Connecticut	60,565	34	35.71	==	==
The William W. Backus Hospital	44,194	21	30.17	==	==
University of Connecticut Health Center	33,353	33	21.78	==	✗
Waterbury Hospital Health Center	42,444	22	28.41	==	==
Windham Hospital	8,473	5	3.25	==	==
Yale-New Haven Hospital—St. Raphael Campus	73,447	38	36.16	==	==
Yale-New Haven Hospital	272,368	154	179.41	==	==

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Gaylord Hospital	Adult ICUs	0	7.34	=	★
	Adult Wards	0	3.97	=	★
Healthcare Center at the CT Veterans' Home, Rocky Hill	Adult Wards	1	Less than 1.0		
Hospital for Special Care	Adult ICUs	1	3.61	=	=
	Adult Wards	9	19.50	=	★
	Pediatric Wards	0	Less than 1.0		

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Unit type	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Gaylord Hospital	Adult ICUs	10	6.76	==	==
	Adult Wards	5	3.64	==	==
Healthcare Center at the CT Veterans' Home, Rocky Hill	Adult Wards	2	3.31	==	==
Hospital for Special Care	Adult ICUs	1	Less than 1.0		
	Adult Wards	4	2.88	==	==
	Pediatric Wards	0	Less than 1.0		

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Patient days	Observed events	Predicted events	How does this facility compare?	
				State	National baseline
Gaylord Hospital	38,548	0	3.93	=	★
Healthcare Center at the CT Veterans' Home, Rocky Hill	41,613	0	3.77	=	★
Hospital for Special Care	74,072	1	7.36	=	★

FACILITY NAME	Patient days	Observed events	Predicted events	How does this facility compare?	
				State	National baseline
Gaylord Hospital	38,548	29	29.14	✗	=
Healthcare Center at the CT Veterans' Home, Rocky Hill	41,613	0	39.01	★	★
Hospital for Special Care	74,072	7	83.26	★	★

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience



When the number of predicted infections is less than 1, no conclusion can be made

FACILITY NAME	Observed infections	Predicted infections	How does this facility compare ?	
			State	National baseline
Danbury Hospital	1	Less than 1.0		
Lawrence & Memorial Hospital	1	Less than 1.0		
Mount Sinai Rehabilitation Hospital	0	Less than 1.0		
St. Vincent's Medical Center	1	Less than 1.0		
Stamford Hospital	0	Less than 1.0		
Yale-New Haven Hospital	1	Less than 1.0		

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

FACILITY NAME	Patient months	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Black Rock Dialysis	951	3	5.12	==	==
Bloomfield Dialysis	639	2	3.37	==	==
Branford Dialysis	527	3	3.06	==	==
Bridgeport Dialysis	2,484	13	11.73	==	==
Central Connecticut Dialysis Center	498	2	3.61	==	==
Comprehensive Dialysis Care, LLC	599	3	2.92	==	==
Danbury Dialysis Center	1,278	10	6.32	==	==
DaVita Waterbury Heights Dialysis	728	11	3.54	×	×
Dialysis Center Of Newington	538	4	4.02	==	==
East Hartford Dialysis Center	1,053	1	8.05	★	★
Enfield Dialysis Center	461	1	2.47	==	==
Farmington Dialysis	240	1	1.72	==	==
FMC Dialysis Services Forestville	634	4	5.04	==	==
FMC of Fairfield	470	4	3.10	==	==
FMC of Hartford	567	2	3.49	==	==
FMC of Southington	453	8	2.84	×	×

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

FACILITY NAME	Patient months	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
FMC of Western Hartford	556	3	2.57	==	==
FMC Shoreline	741	5	6.58	==	==
FMC Windsor	79	1	Less than 1.0		
Greater Waterbury DaVita Dialysis	1,409	9	6.89	==	==
Hamden Dialysis	532	3	2.96	==	==
Hartford Dialysis	1,489	17	7.52	✗	✗
Hartford Hospital	1,755	27	8.73	✗	✗
Housatonic Dialysis	238	0	1.50	==	==
Manchester Dialysis Center	657	4	3.63	==	==
Middlesex Dialysis Center, LLC.	999	3	4.70	==	==
Milford Dialysis	1,090	6	5.24	==	==
New Britain General Hospital	1,099	4	9.67	★	==
New Haven Dialysis	1,101	16	7.56	==	✗
New London Dialysis	1,153	1	5.13	★	★
North Haven Dialysis	913	4	5.84	==	==
Norwich Dialysis	990	5	4.96	==	==

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

FACILITY NAME	Patient months	Observed infections	Predicted infections	How does this facility compare?	
				State	National baseline
Palomba Drive Dialysis	190	1	1.44	==	==
Physicians Dialysis Inc. Rocky Hill	528	2	3.38	==	==
Shelton Dialysis	1,144	8	6.73	==	==
South Norwalk Dialysis	1,411	8	5.84	==	==
St. Raphael Dialysis Center	1,779	19	13.22	==	==
Stamford Dialysis	1,721	6	9.40	==	==
Torrington Dialysis	681	9	4.90	==	==
U.S. Renal Care Branford Dialysis	265	4	1.51	==	==
U.S. Renal Care North Haven Dialysis	673	5	4.77	==	==
U.S. Renal Care Orange Dialysis	1,097	14	8.31	==	==
UCONN Dialysis Center	757	3	5.17	==	==
Vernon Dialysis Center	824	1	5.19	★	★
Wallingford Dialysis Care, LLC.	135	0	Less than 1.0	==	==
Willard Avenue Dialysis	392	2	2.15	==	==
Windham Dialysis Center	494	1	3.08	==	==

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

NOTE: A rate is calculated for local access site infection as the total number of infections reported during 2016, divided by the total number of months that patients were receiving care at the center and at risk for the infection.

FACILITY NAME	Patient months	Observed infections	Rate (observed events per 100 patient-months)	How does this facility compare?	
				State	Nation
Black Rock Dialysis	951	7	0.74	=	=
Bloomfield Dialysis	639	2	0.31	=	=
Branford Dialysis	527	3	0.57	=	=
Bridgeport Dialysis	2,484	39	1.57	X	X
Central Connecticut Dialysis Center	498	3	0.60	=	=
Comprehensive Dialysis Care, LLC	599	6	1.00	=	=
Danbury Dialysis Center	1,278	12	0.94	=	=
DaVita Waterbury Heights Dialysis	728	10	1.37	=	=
Dialysis Center Of Newington	538	1	0.19	=	=
East Hartford Dialysis Center	1,053	0	0.00	★	★
Enfield Dialysis Center	461	5	1.08	=	=
Farmington Dialysis	240	2	0.83	=	=
FMC Dialysis Services Forestville	634	0	0.00	★	★
FMC of Fairfield	470	1	0.21	=	=
FMC of Hartford	567	2	0.35	=	=
FMC of Southington	453	0	0.00	★	★

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

NOTE: A rate is calculated for local access site infection as the total number of infections reported during 2016, divided by the total number of months that patients were receiving care at the center and at risk for the infection.

FACILITY NAME	Patient months	Observed infections	Rate (observed events per 100 patient-months)	How does this facility compare?	
				State	Nation
FMC of Western Hartford	556	0	0.00	★	★
FMC Shoreline	741	2	0.27	≡	≡
FMC Windsor	79	0	0.00	≡	≡
Greater Waterbury DaVita Dialysis	1,409	15	1.06	≡	≡
Hamden Dialysis	532	4	0.75	≡	≡
Hartford Dialysis	1,489	26	1.75	✗	✗
Hartford Hospital	1,755	10	0.57	≡	≡
Housatonic Dialysis	238	0	0.00	≡	≡
Manchester Dialysis Center	657	8	1.22	≡	≡
Middlesex Dialysis Center, LLC.	999	1	0.10	★	★
Milford Dialysis	1,090	7	0.64	≡	≡
New Britain General Hospital	1,099	13	1.18	≡	≡
New Haven Dialysis	1,101	24	2.18	✗	✗
New London Dialysis	1,153	5	0.43	≡	≡
North Haven Dialysis	913	4	0.44	≡	≡
Norwich Dialysis	990	3	0.30	★	≡

LEGEND



Fewer infections (better) in 2016 than predicted based on statewide or national experience



More infections (worse) in 2016 than predicted based on statewide or national experience



About the same number of infections in 2016 as predicted based on statewide or national experience

NOTE: A rate is calculated for local access site infection as the total number of infections reported during 2016, divided by the total number of months that patients were receiving care at the center and at risk for the infection.

FACILITY NAME	Patient months	Observed infections	Rate (observed events per 100 patient-months)	How does this facility compare?	
				State	Nation
Palomba Drive Dialysis	190	1	0.53	=	=
Physicians Dialysis Inc. Rocky Hill	528	3	0.57	=	=
Shelton Dialysis	1,144	6	0.52	=	=
South Norwalk Dialysis	1,411	25	1.77	X	X
St. Raphael Dialysis Center	1,779	26	1.46	X	X
Stamford Dialysis	1,721	9	0.52	=	=
Torrington Dialysis	681	6	0.88	=	=
U.S. Renal Care Branford Dialysis	265	2	0.76	=	=
U.S. Renal Care North Haven Dialysis	673	5	0.74	=	=
U.S. Renal Care Orange Dialysis	1,097	5	0.46	=	=
UCONN Dialysis Center	757	25	3.30	X	X
Vernon Dialysis Center	824	12	1.46	=	X
Wallingford Dialysis Care, LLC.	135	3	2.22	=	=
Willard Avenue Dialysis	392	2	0.51	=	=
Windham Dialysis Center	494	0	0.00	★	★

FAST FACTS: What you need to know about healthcare-associated infections

Invasive devices. Sometimes patients have medical devices inserted into their bodies to provide necessary medical care. These devices are called “invasive devices” and patients with these devices have a higher chance of getting an infection. Here is what you need to know about invasive devices and what kinds of infections they can be associated with:

- A **central line** is a tube placed in a large vein to allow access to the bloodstream and provide the patient with important medicine. A **central line-associated bloodstream infection (CLABSI)** can occur when bacteria or other germs travel along a central line and enter the blood. When not put in correctly or kept clean, central lines can become a pathway for germs to enter the body and cause serious infections in the blood.
- A **urinary catheter** is a tube placed in the bladder to drain urine. A **catheter-associated urinary tract infection (CAUTI)** can occur when bacteria or other germs travel along a urinary catheter, resulting in an infection in the bladder or the kidney.

A **surgical site infection (SSI)**. These happen after surgery in the part of the body where the surgery took place. These infections may involve only the skin or may be more serious and involve tissue under the skin or organs. SSIs sometimes take days or months after surgery to develop. Symptoms may include fever, redness or pain around the surgical site, or drainage of fluid from the wound.

Methicillin-resistant *Staphylococcus aureus* (MRSA) infections are caused by bacteria that are resistant to certain types of drugs. MRSA can cause skin or wound infections. Sometimes, MRSA can infect the blood and cause serious illness and even death. Bloodstream infections with MRSA are the kind of infection are shown in this report.

***Clostridium difficile* (C. difficile)** is a type of bacteria that causes severe diarrhea and can be deadly. *C. difficile* infections most commonly occur in people who have recently taken antibiotics.

Things to think about when choosing a healthcare provider or facility

- Do you know your doctor's or healthcare provider's qualifications? Is he or she licensed and board-certified? Consult the DPH website for information on licensure and disciplinary actions that may have been taken.
- Does your doctor recommend the facility? Why or why not?
- Is your healthcare facility accredited by a nonprofit organization that seeks to improve the quality and safety of healthcare (e.g., The Joint Commission or DNV-GL)?
- What infection prevention resources are at your healthcare facility? If you have questions, find out how you can get in touch with someone in infection prevention before you visit the facility.
- Does your healthcare facility have a patient advocate? If so, the advocate may be able to provide additional information and help before, during, and after your medical treatment.

If you are planning to have surgery:

- Does the facility do a lot of the procedures that you will be having? Research shows that patients who have surgery at hospitals that do more surgical procedures may have better outcomes.
- Does the facility have a floor or unit that only does the type of surgery you are having? For example, for hip replacement surgery, does the facility have a floor or unit that is used only for joint replacement surgeries?
- Does the facility have one or more operating rooms that are used only for your type of surgery?
- Does the facility follow specific guidelines so that everyone

who has your type of surgery receives consistent care?

For more information:

- The federal government reports other quality information about healthcare facilities, in addition to healthcare associated-infections. Find this information online at:
www.medicare.gov/hospitalcompare
www.medicare.gov/dialysisfacilitycompare
- The Centers for Medicare and Medicaid Services has a guide available to help patients select a hospital. Find it at:
www.medicare.gov/Pubs/pdf/10181.pdf

What patients can do to prevent infection

To prevent any type of healthcare associated infection:

- If you do not see your healthcare providers clean their hands before caring for you, don't be shy about asking them. You have a right to speak up.
- Make sure you and your family members and friends keep their hands clean too!
- Ask your healthcare provider what specific steps they take to prevent infections as well as what you as a patient can do to prevent infections.

To prevent central line-associated bloodstream infections (CLABSI) and catheter associated urinary tract infections (CAUTI):

- If you have a central line or urinary catheter put in place, ask your doctors and nurses to explain why you need it and how long you will have it.
- Ask your healthcare providers each day if you still need it.
- If the bandage covering your central line becomes wet or dirty, tell your nurse or doctor immediately.
- Tell your nurse or doctor if the area around your central line or catheter is sore or red, or you feel feverish.
- Follow your healthcare providers' instructions for the care of the central line or urinary catheter to keep it working as it should and keep it clean and free of germs.
- Do not let family and friends touch the central line tubing or bandage.

To prevent surgical site infections (SSI):

AFTER YOUR SURGERY AND DURING RECOVERY:

- Avoid touching your incision area and follow all instructions from your doctor about how to take care of your incision.
- Before and after taking care of your incision area, wash your hands or use an alcohol-based hand sanitizer and have any family member helping with your care do the same.
- If you have any infection signs/symptoms like redness, pain, fever, or drainage, call your doctor as soon as possible.
- Until the incision (cut) is completely healed, always use a different washcloth for the incision area than the one used for the rest of your body.

- Keep clean sheets on your bed and make sure the clothes that come in contact with your incision are clean.
- Keep pets away from the incision (cut) until healed.

BEFORE YOU LEAVE THE HOSPITAL OR AMBULATORY SURGERY CENTER:

- Make sure you understand how to take care of your wound and ask questions when you are unsure.
- Know who to contact if you have questions or problems after you get home.
- Keep all appointments scheduled at the time of discharge.

To prevent *Clostridium difficile* infections:

- Take antibiotics only as prescribed by your doctor and complete the course of treatment.
- Tell your doctor if you have recently been on antibiotics if you get diarrhea within a few months of taking the antibiotics.
- Wash your hands with soap and water before eating and after using the bathroom.

To prevent methicillin-resistant *Staphylococcus aureus* (MRSA) infections:

- Clean your hands often, especially before and after changing wound dressings or bandages.
- Keep wounds clean and change bandages as instructed until healed.
- Avoid sharing personal hygiene items such as towels or razors.
- Take antibiotics only as prescribed by your doctor and complete the course of treatment.

To prevent influenza or the "flu":

- Get vaccinated against the flu each year, clean your hands often, and cover your cough with your sleeve.

List of acronyms used in the report

ABBREVIATION	DEFINITION
ACH	Acute care hospital (short-term)
BSI	Bloodstream infection
CAUTI	Catheter-associated urinary tract infection
CDC	Centers for Disease Control and Prevention
CDI	<i>Clostridium difficile</i> infection
CLABSI	Central line-associated bloodstream infection
CMS	Centers for Medicaid and Medicare Services
DPH	Connecticut Department of Public Health
HAI	Healthcare associated infection
ICU	Intensive care unit
IRF	Inpatient rehabilitation facility
LASI	Local access site infection (dialysis)
LTACH	Long-term acute care hospital
MRSA	Methicillin-resistant <i>Staphylococcus aureus</i>
NHSN	National Healthcare Safety Network
NICU	Neonatal intensive care unit
PICU	Pediatric intensive care unit
SSI	Surgical site infection

For More Information

1. *CDC's National and State Healthcare Associated Infections Progress Report*: <https://www.cdc.gov/HAI/pdfs/progress-report/hai-progress-report.pdf>
3. *Hospital Compare*: <https://www.medicare.gov/hospitalcompare/search.html>
4. *Dialysis Facility Compare*: <https://www.medicare.gov/dialysisfacilitycompare/>

Acknowledgements

This report was created using tools provided by the CSTE Healthcare-Associated Infection Data Analysis and Presentation Standardization (DAPS) Workgroup and the Centers for Disease Control and Prevention.

The HAI Program would like to thank the Infection Prevention, Quality, and Information Technology staff at Connecticut healthcare facilities for collaborating to provide the data presented in this report.