



Hospital-Acquired Infections in New York State, 2023

Part 1: Summary for Consumers

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Introduction

What is the purpose of this report?

Hospital-acquired infections (HAIs) are infections that patients can get while receiving treatment in a hospital. New York State (NYS) monitors HAI rates to ensure patient safety and provide the public with data to compare hospital infection rates. This report describes the HAIs that occurred in NYS hospitals in 2023.

This report provides information on six types of HAIs:

1. Surgical site infections (SSIs) following colon, coronary artery bypass graft, hip replacement, hysterectomy, and spinal fusion procedures.
2. Central line-associated bloodstream infections (CLABSIs)
3. Catheter-associated urinary tract infections (CAUTIs)
4. *Clostridioides difficile* infections (CDIs)
5. Carbapenem-resistant Enterobacterales infections (CREs)
6. Methicillin-resistant *Staphylococcus aureus* (MRSA) bloodstream infections (BSIs)

These HAIs do not represent all possible HAIs. They were selected because they are common, can have severe complications, can have rates that can be compared between facilities, and are largely preventable when healthcare providers use infection prevention and control steps recommended by the NYS Department of Health (the Department), and Centers for Disease Control and Prevention (CDC).

Where do the numbers come from?

Hospitals report their HAI data to the Department using the CDC's National Healthcare Safety Network (NHSN). This online system allows NYS hospitals and CDC to concurrently monitor the same data. All hospitals follow the same surveillance methods. Additional information about NHSN can be found at <http://www.cdc.gov/nhsn/>.

Pursuant to requirements in NYS public health law §2819, NYS acute care hospitals have been required to report HAIs since 2007. In 2023, NYS required hospitals to report SSIs, CLABSIs, CDIs, and CRE events. In addition, hospitals report data to NHSN to participate in programs offered by the Centers for Medicare and Medicaid Services (CMS). Data on CAUTIs and MRSA-BSIs are available because of a data use agreement (DUA) that allows the Department to see NHSN data and use it for surveillance and prevention purposes. NYS measures are reported for individual hospitals, while DUA measures are only summarized at the state level because the DUA prohibits the use of the data for public reporting of facility-specific data. Data from federal (e.g., Veterans Administration) hospitals are not available either under public health law or the DUA.

Surgical Site Infections (SSIs)

SSIs are infections that occur in the part of the body where the surgery took place. SSIs might only involve the skin, or they might be more serious and involve tissue and organs. NYS requires hospitals to report four types of SSIs:

- Colon surgery is a procedure performed on the lower part of the digestive tract, called the large intestine or colon.
- Hip replacement or revision surgery involves removing damaged cartilage and bone from the hip joint and replacing or resurfacing them with new parts.
- Abdominal hysterectomy is the surgical removal of the uterus through an incision in the abdominal wall.
- Coronary artery bypass graft (CABG) surgery is a procedure performed for heart disease in which a vein or artery from the chest or another part of the body (termed the “donor site”) is used to create an alternate path for blood to flow to the heart, bypassing a blocked artery.
- Spinal fusion is a procedure to permanently connect two or more vertebrae in the spine, eliminating motion between them.

SSIs can occur if microorganisms enter the body at the incision site. Signs and symptoms might include fever, pain, redness, and drainage.

The infection rate is the number of SSIs divided by the number of procedures. Results from 2023 for all NYS hospitals are summarized below and compared with 2015 data. SSIs were most frequent after colon surgery. Colon SSIs may be more difficult to prevent because the colon naturally contains large numbers of microorganisms.

Type of Surgery	Number of Infections	Number of Procedures	Infection Rate	2023 rate compared to 2015
Colon	729	19,150	3.8/100 procedures	improved 32%
Hip	268	30,105	0.89/100 procedures	improved 7%
Abdominal hysterectomy	133	12,937	1.03/100 procedures	improved 16%
Coronary artery bypass graft ¹	117	9,641	1.21/100 procedures	improved 34%
Spinal fusion*	390	27,140	1.44/100 procedures	worsened 22%

2023 NYS data reported as of June 16, 2024. ¹chest-site SSIs. *Compared to 2019 rate.

Catheter-Associated Infections

A central venous catheter (CVC) is a tube that is placed into a large vein, usually in the neck, chest, arm, or groin, and is used to give fluids and medications, withdraw blood, and monitor the patient’s condition. A CVC is different from a standard intravenous (IV) line because it goes farther into the body, ending near the heart, and because it may be used for weeks or months.

A urinary catheter is a tube that is inserted into the bladder through the urethra to drain urine when a patient cannot urinate. Infections can sometimes occur when microorganisms travel around or through the tube and enter the urinary tract or bloodstream.

NYS monitors bloodstream infections associated with CVC use. In addition, CMS monitors urinary tract infections (UTIs) associated with urinary catheter use. These infections are monitored in intensive care units and other medical/surgical units with patients with less critical conditions.

The risk of infection increases with the number of days a catheter is used. For this reason, infection rates are based on the total number of days catheters are used, rather than simply the number of patients. To calculate “catheter-days” a count of patients with each type of catheter is performed at the same time each day. The daily counts are added up for the entire year to give the catheter-days for that year.

Type of catheter	Number of Infections	Number of Catheter-Days	Infection Rate	2023 rate compared to 2022
CVC	1,362	1,544,956	0.88/1,000 CVC days	improved 9%
Urinary	934	1,195,870	0.78/1,000 UC days	improved 10%

2023 NYS data reported as of June 16, 2024, CVC=central venous catheter. Excludes mucosal barrier injury (MBI)-CLABSIs and bloodstream infections associated with use of extracorporeal membrane oxygenation (ECMO) and ventricular assist devices (VADs), observed or suspected patient injection into a vascular line, known or suspected, factitious disorder imposed on another (FDIA; formerly Munchausen syndrome by proxy (MSbP)), epidermolysis bullosa (EB), pus at another vascular access device site matches an organism identified in the blood, and group B Streptococcus BSIs in infants during the first 6 days of life in the second column.

Laboratory-identified (LabID) events

LabID infections are identified based on laboratory testing and hospital admission and discharge data, rather than by clinical chart review. LabID cases are separated into reporting categories based on the time between hospital admission and specimen collection.

Admission Prevalent			Hospital onset			
Day 1 (Admission)	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7+

- Cases termed “admission prevalent” or “community-onset (CO)” are cases where the specimen was obtained during the first three days of the patient’s inpatient stay. These cases are presumed to be unrelated to the patient’s stay in that hospital.
- Cases termed “hospital-onset (HO)” are cases where the specimen was obtained on day 4 or later during the hospital stay.

HO rates are the primary focus for this report because HO cases can be prevented or reduced in the hospital by appropriate antibiotic prescribing and by following infection prevention and control guidelines for hand hygiene, use of gowns and gloves, and equipment/environmental cleaning and disinfection.

NYS requires that hospitals report two types of LabID infections: *Clostridioides difficile* infections (CDIs) and carbapenem-resistant Enterobacterales (CRE) infections. Hospitals report methicillin-resistant *Staphylococcus aureus* (MRSA) BSIs to participate in CMS reporting programs.

Clostridioides difficile infections (CDI)

Clostridioides difficile is a bacterium that can cause diarrhea and intestinal damage. The elderly and those who have recently taken antibiotics are at the greatest risk for developing CDI. When people take antibiotics, beneficial bacteria that protect against infection may be destroyed along with the harmful bacteria. The types of bacteria in the intestines can be altered for several months. During this time, patients can get sick from *Clostridioides difficile* acquired from contaminated surfaces or health care providers’ hands. CDI is the most common of all HAI indicators in this report. In 2023, 2,737 cases were detected after the third day of hospitalization, implying that the bacteria that caused the infection were acquired during that hospital visit or that medical interventions during that hospital visit led to infection in a person already colonized (present but not causing symptoms of illness) with the bacteria. Over 6,207 additional cases were detected in the emergency department or early in the hospital stay; these cases are likely related to previous healthcare exposures.

The longer a person stays in the hospital, the higher the total risk of acquiring an infection in the hospital, so the HO rate is reported using a denominator of “patient-days”. To calculate patient-days a count of patients is performed at the same time each day. The daily counts are added up for the entire year to give the patient days for that year. The CDI HO rate is defined as the number of new CDIs identified more than three days after hospital admission, per 10,000 patient-days.

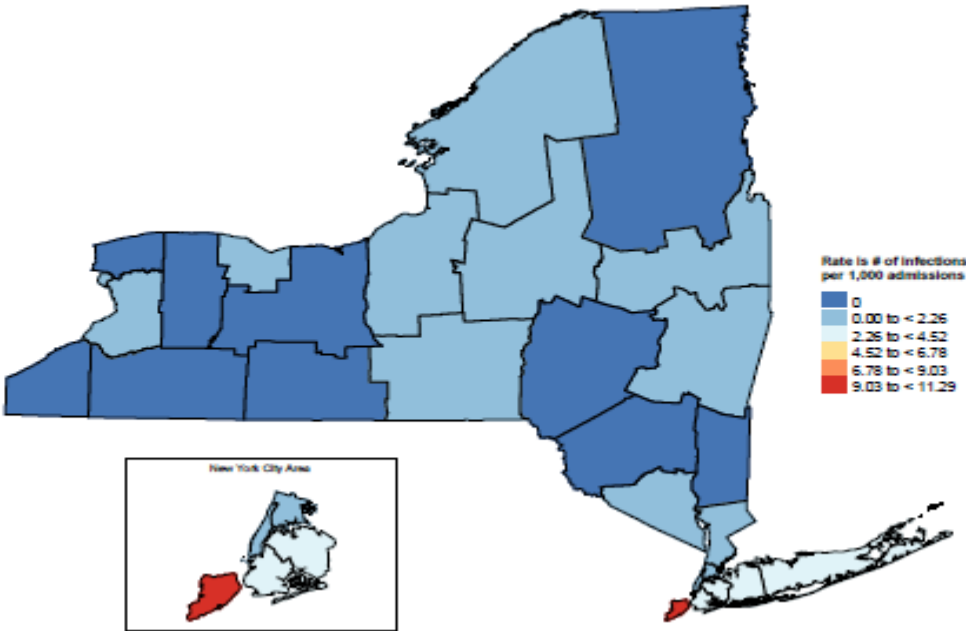
CDI rate	Number of infections	Number of patient days	Infection rate	2023 rate compared to 2022
HO	2627	10,343,815	2.54/10,000 patient days	improved 23%

2023 NYS data reported as of June 16, 2024.

Carbapenem-resistant Enterobacterales (CRE) events

Enterobacterales are bacteria that are normally found in the intestines. They can cause infections if they spread to other locations in the body (e.g., through surgery or trauma) or are introduced into other body sites by contact with an infected person or contaminated surfaces. They are called carbapenem-resistant when they become highly resistant to most antibiotics, including a type of antibiotics called carbapenems. Infections with CRE are difficult to treat because most antibiotics do not work against them. Healthy people usually do not get CRE infections. CRE are more likely to affect patients with compromised immune systems and those who require invasive devices like ventilators and catheters. CRE is currently most common in the downstate area.

CRE Overall Inpatient Prevalence Rate, 2023



CRE is most deadly when it enters the bloodstream. Rates of new bloodstream infections and the overall infection rate at all body sites are summarized below. CRE that is identified in non-sterile body sites like skin or urine may represent colonization, but these events are counted as infections for this report.

CRE rates	Number of new infections	Number of patient days	Infection rate	2023 rate compared to 2022
HO – BSI*	220	11,087,436	0.20/10,000 patient days	No change
HO – all sites	914	11,087,436	0.82/10,000 patient days	improved 11%

2023 NYS data reported as of June 16, 2024. *BSI: bloodstream infection

Methicillin-resistant *Staphylococcus aureus* (MRSA) blood stream infections

Staphylococcus aureus (*S. aureus*) is a common bacterium normally found on the skin or in the nose of 20 to 30 percent of healthy individuals. When *S. aureus* is resistant to the antibiotics oxacillin, ceftazidime, or methicillin, it is called MRSA. MRSA infections can cause a broad range of signs and symptoms depending on the patient's health and the part of the body that is infected. One of the most serious types of infection occurs in the blood, called a bloodstream infection (MRSA-BSI).

MRSA has been present in NYS and the rest of the country for many years. In 2023, 637 cases of MRSA-BSI were detected after the third day of hospitalization, implying that the bacteria that caused the infection were acquired during that hospital visit or that medical interventions during that hospital visit led to infection in a colonized person. An additional 684 positive blood samples were detected in the emergency department or early in the hospital stay; these cases are not likely related to that hospital admission. Rates of new HO infections are summarized below.

MRSA Infection Rate	# of New BSI Infections	Number of Patient Days	Infection Rate	2023 Rate Compared to 2022
HO	637	10,940,524	0.58/10,000 patient days	Improved 15%

2023 NYS data reported as of June 16, 2024. BSI=bloodstream infection.

Hospital performance

To evaluate hospital performance, the Department asks the question:

“How did each hospital perform in 2023 compared to the NYS 2023 average?”

This comparison is performed separately by type of HAI (i.e., SSI, CLABSI, and CDI; CRE was not included due to the lack of a suitable risk adjustment model). The comparison considers differences in patient populations related to severity of illness and other factors that may affect the risk of developing an HAI. A hospital that performs many complex procedures on very sick patients would be expected to have a higher infection rate than a hospital that performs more routine procedures on healthier patients. Therefore, before comparing the infection rates of hospitals, it is important to adjust for the proportion of high and low risk patients. The Department predicts the number of infections based on the NYS average infection rate for similar patients, then divides the number of observed infections by the number of predicted infections. This is called the standardized infection ratio (SIR).

- An SIR above 1.0 means that the infection rate at the hospital is higher than the state average, even after adjusting for differences in that hospital’s patient population. The difference above 1.0 is the percentage by which the infection rate exceeds that of the state average. For example, a hospital SIR of 1.12 indicates that the hospital performed 12% worse than the state average. **If the SIR is significantly higher than 1, the result is highlighted in red.**
- An SIR below 1.0 means that the infection rate is lower than the state average after adjusting for differences in that hospital’s patient population. The difference below 1.0 is the percentage by which the infection rate is lower than that of the state average. For example, a hospital SIR of 0.85 indicates that the hospital performed 15% better than the state average. **If the SIR is significantly lower than 1, the result is highlighted in blue.**
- An SIR of 1.0 means the observed number of infections is equal to the number of predicted infections. If the SIR is not significantly different from the state average, the result is highlighted in grey.
- No SIR was calculated when there was not enough data for a hospital.

More detailed information on the risk adjustment method and hospital performance is available in Part 2: Technical Report. For CLABSIs, infection rates were presented by number of CLABSIs per 1,000 central line days by unit type.

Hospital acquired infection data, New York State, 2023

Hospital	Colon SSI		CABG Chest SSI		Hip SSI		Hysterectomy SSI		Fusion SSI		CDI	
	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR
AO Fox Memorial	NA	NA			1/0.3	3.93			NA	NA	0/1.3	0.00
Adirondack Medical	2/0.9	2.27			3/1.5	2.06	0/0.3	0.00			4/2.4	1.70
Albany Med Ctr	27/18.1	1.49	5/3.0	1.67	3/3.7	0.80	3/2.3	1.28	9/9.5	0.95	44/39.6	1.11
Alice Hyde Med Ctr					0/0.2	0.00	NA	NA			7/3.4	2.06
Arnot Ogden Med	2/1.4	1.42			4/1.9	2.11	0/0.2	0.00	0/0.9	0.00	2/10.9	* 0.18
Auburn Memorial	0/1.5	0.00			0/0.9	0.00	0/0.3	0.00	NA	NA	5/3.0	1.66
Bellevue Ellis							0/0.2	0.00			NA	NA
Bellevue Hospital	10/5.2	1.93	0/0.9	0.00	5/1.1	^ 4.39	2/1.0	2.09	2/0.9	2.28	55/48.2	1.14
Blythedale Childrens											NA	NA
Bon Secours	NA	NA			NA	NA	0/0.2	0.00			2/2.0	0.98
Bronx-Lebanon	2/2.1	0.95			1/0.7	1.35	1/1.3	0.75	1/0.8	1.18	50/37.3	1.34
Brookdale Hospital	1/4.3	0.23			NA	NA	0/0.4	0.00	0/1.2	0.00	10/20.5	0.49
Brooklyn Hosp Ctr	1/2.5	0.40			0/0.7	0.00	1/1.5	0.69	0/0.6	0.00	1/13.8	* 0.07
Brooks Memorial	NA	NA			NA	NA	NA	NA			6/11.0	0.55
Buffalo General	2/3.9	0.52	11/6.7	1.64	6/6.5	0.92	NA	NA	26/16.4	^ 1.58	56/35.0	^ 1.60
Calvary Hospital											NA	NA
Canton-Potsdam	3/1.6	1.90			0/0.8	0.00	NA	NA			9/2.8	^ 3.22
Cayuga Medical Ctr	3/2.5	1.20			0/1.6	0.00	NA	NA	0/0.1	0.00	7/8.8	0.80
Champlain Valley	7/3.2	2.17			2/1.3	1.54	1/0.6	1.57	NA	NA	28/17.2	1.62
Claxton-Hepburn	NA	NA			0/0.4	0.00	NA	NA	NA	NA	8/4.7	1.70
Clifton Springs	NA	NA			4/2.2	1.85					0/2.9	0.00
Cohens Childrens	3/1.8	1.64							4/2.1	1.95	NA	NA
Columbia Memorial	1/2.4	0.42			0/1.3	0.00	2/0.9	2.13			11/4.1	^ 2.70
Corning Hospital	1/1.3	0.76			2/0.7	2.83	NA	NA			1/5.4	0.18
Cortland Reg Med	4/1.3	3.01			1/0.3	2.91	NA	NA			4/4.7	0.84
Crouse Hospital	15/11.0	1.36			4/4.3	0.93	8/5.1	1.57	7/6.5	1.08	14/15.1	0.93
Ellis Hospital	3/3.5	0.87	0/1.5	0.00	3/1.5	1.98	1/0.6	1.62	0/0.1	0.00	5/9.3	0.54
Elmhurst Hospital	3/4.6	0.65			1/0.7	1.34	2/0.9	2.19	0/0.9	0.00	19/26.9	0.71
Erie County Med Ctr	6/4.0	1.49			4/1.7	2.33			10/7.2	1.39	37/28.3	1.31
FF Thompson	4/3.7	1.08			2/0.8	2.60	NA	NA	0/0.7	0.00	9/4.7	1.90
Flushing Hospital	4/1.9	2.16			0/0.2	0.00	1/0.2	6.35			16/10.3	1.56
Garnet Catskills	2/1.0	2.02			NA	NA	NA	NA			10/4.4	2.27
Garnet Middletown	9/7.5	1.20	2/1.0	1.99	4/3.3	1.23	4/1.2	3.43	1/0.4	2.68	60/25.4	^ 2.36
Geneva General	0/1.2	0.00			0/0.5	0.00			0/0.6	0.00	7/3.9	1.80
Glen Cove Hospital	0/1.2	0.00			1/0.2	6.30	NA	NA			3/20.3	* 0.15
Glens Falls Hospital	6/5.1	1.18			1/1.4	0.72	NA	NA	NA	NA	3/7.9	0.38
Good Samar. Suffern	2/3.2	0.62	0/1.0	0.00	0/1.1	0.00	NA	NA	0/0.2	0.00	6/14.9	0.40
Good Samar. W Islip	4/8.1	0.49	0/3.0	* 0.00	2/2.1	0.97	5/2.4	2.11	1/7.2	* 0.14	25/26.1	0.96
Harlem Hospital	3/2.4	1.22			0/0.2	0.00	NA	NA	0/0.3	0.00	7/12.2	0.58
HealthAlliance-	0/1.6	0.00			3/1.3	2.27	NA	NA				
Henry J. Carter											NA	NA
Highland Hospital	11/4.5	^ 2.45			9/10.7	0.84	2/3.0	0.67	5/4.8	1.04	13/12.8	1.02
Hosp for Spec Surg					27/32.1	0.84			28/25.0	1.12	NA	NA
Huntington Hospital	8/8.6	0.93			1/2.5	0.40	1/0.9	1.15	3/4.1	0.73	23/20.7	1.11
Interfaith Med Ctr	NA	NA			0/0.2	0.00	0/0.2	0.00			7/8.5	0.82
JT Mather Hospital	0/4.0	* 0.00			2/1.8	1.09	1/0.6	1.68	2/4.5	0.44	4/7.0	0.57
Jacobi Med Ctr	16/3.3	^ 4.82			0/0.9	0.00	1/0.9	1.15	0/0.5	0.00	15/13.0	1.15
Jamaica Hospital	4/3.3	1.22			1/1.0	1.03	0/0.3	0.00	1/1.0	0.97	20/17.0	1.17
Jones Memorial	NA	NA			3/0.6	^ 5.19	NA	NA			0/0.8	0.00
Kenmore Mercy	11/6.1	1.79			2/3.4	0.58			7/6.0	1.17	9/8.3	1.08
Kings County Hosp	4/3.8	1.04			0/0.5	0.00	4/1.2	3.33	1/0.4	2.76	25/28.4	0.88
LIJ at Forest Hills	2/3.3	0.60			0/0.6	0.00	0/0.8	0.00	0/0.6	0.00	6/16.2	* 0.37
LIJ at Valley Stream	2/1.4	1.46			5/3.6	1.41			4/2.6	1.55	4/11.1	0.36
Lenox Hill Hospital	6/15.1	* 0.40	2/4.4	0.45	3/2.0	1.46	2/2.2	0.91	9/9.1	0.99	16/34.3	* 0.47

Hospital acquired infection data, New York State, 2023

Hospital	Colon SSI		CABG Chest SSI		Hip SSI		Hysterectomy SSI		Fusion SSI		CDI	
	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR
Lincoln Med Ctr	3/4.0	0.75			0/0.3	0.00	1/0.9	1.14	0/0.7	0.00	29/18.1	1.61
Long Isl Jewish(LIJ)	5/15.6	* 0.32			0/1.5	0.00	5/5.5	0.91	2/4.3	0.46	65/61.1	1.06
Long Isl. Community	12/4.4	^ 2.75			3/0.7	4.03	NA	NA	NA	NA	5/11.9	0.42
Maimonides Med Ctr	6/9.7	0.62	6/2.2	^ 2.77	1/0.9	1.10	2/1.9	1.03	1/2.8	0.36	39/44.0	0.89
Mary Imogene	8/9.7	0.83	1/1.5	0.68	1/1.5	0.67	1/0.3	3.66	2/1.7	1.19	17/6.9	^ 2.48
Memor	60/58.3	1.03			1/1.5	0.66	8/11.1	0.72	7/3.9	1.82	NA	NA
Mercy Hosp Buffalo	10/7.2	1.39	2/4.5	0.45	0/0.5	0.00	0/0.9	0.00	16/9.8	1.63	24/18.5	1.30
Mercy Med Ctr	1/1.3	0.78			1/0.6	1.54	0/0.3	0.00	5/4.9	1.03	2/8.2	0.24
Metropolitan Hosp	0/2.3	0.00			1/0.4	2.49	0/0.4	0.00			2/5.9	0.34
MidHudson Reg of	1/2.1	0.48			0/1.6	0.00	NA	NA	1/0.7	1.47	10/5.1	1.95
Millard Fill. Suburb	16/16.1	0.99			1/2.5	0.40	3/5.7	0.53	1/1.6	0.64	27/15.4	^ 1.76
Montefiore-Einstein	6/8.5	0.71					3/3.1	0.96			50/40.3	1.24
Montefiore-Moses	7/8.2	0.85	19/4.2	^ 4.52	NA	NA	0/0.7	0.00	10/11.4	0.87	96/72.1	^ 1.33
Montefiore-Mt	NA	NA					NA	NA			1/1.4	0.70
Montefiore-	NA	NA			0/0.7	0.00	0/0.2	0.00	0/0.7	0.00	7/9.7	0.72
Montefiore-Nyack	3/2.6	1.16			1/1.2	0.82	0/0.2	0.00	NA	NA	14/17.1	0.82
Montefiore-	2/2.3	0.86			4/6.3	0.63					6/16.5	* 0.36
Mount St. Marys	1/0.9	1.14			0/0.3	0.00	NA	NA			1/6.2	0.16
Mt Sinai	26/23.8	1.09	8/5.1	1.56	4/3.4	1.18	6/3.5	1.71	13/15.3	0.85	120/85.6	^ 1.40
Mt Sinai Beth Israel	1/1.3	0.77			NA	NA	NA	NA			3/11.9	* 0.25
Mt Sinai Brooklyn	1/2.6	0.39			1/0.2	4.76	NA	NA			2/13.3	* 0.15
Mt Sinai Queens	0/2.2	0.00			0/0.8	0.00	0/0.3	0.00			6/8.1	0.74
Mt Sinai St Lukes	0/1.5	0.00	0/3.9	* 0.00	0/1.1	0.00	0/0.2	0.00	2/1.0	1.99	12/24.6	* 0.49
Mt Sinai West	7/6.3	1.11			1/2.6	0.38	3/1.9	1.61	4/5.8	0.68	10/26.4	* 0.38
NY Community Hosp	NA	NA			NA	NA						
NYP-Allen	NA	NA			NA	NA	NA	NA	6/13.6	* 0.44	6/10.7	0.56
NYP-Brklyn	3/5.6	0.54	2/1.3	1.60	1/2.1	0.49	1/3.3	0.30	0/1.4	0.00	15/37.6	* 0.40
NYP-Columbia	23/14.2	^ 1.62	9/5.6	1.60	3/3.9	0.77	1/3.4	0.30	NA	NA	87/69.1	1.26
NYP-Hudson Valley	2/2.0	0.99			1/1.2	0.86	NA	NA	NA	NA	3/9.2	0.33
NYP-Lawrence	0/2.4	0.00			0/1.2	0.00	1/0.6	1.79	4/2.5	1.58	4/11.2	0.36
NYP-Lower	1/1.2	0.82			0/0.3	0.00	0/0.3	0.00	4/4.0	1.00	8/7.5	1.07
NYP-Morgan Stanley	0/1.5	0.00			NA	NA	NA	NA	4/4.1	0.98	NA	NA
NYP-Queens	2/7.7	* 0.26	0/1.3	0.00	1/2.9	0.34	1/0.8	1.24	1/3.5	0.29	20/34.1	0.59
NYP-Weill Cornell	15/13.7	1.09	5/2.7	1.85	0/1.7	0.00	3/2.1	1.46	4/7.7	0.52	56/66.0	0.85
NYU Langone	4/6.0	0.67			5/2.3	2.17	1/1.3	0.75	2/2.8	0.72	17/31.1	* 0.55
NYU Orthopedic					6/11.0	0.55					NA	NA
NYU Tisch	47/25.9	^ 1.82	1/3.8	0.26	0/0.5	0.00	3/3.1	0.97	15/27.6	* 0.54	48/79.3	* 0.61
NYU Winthrop	7/14.7	* 0.48	1/2.8	0.36	2/2.7	0.75	3/2.7	1.11	8/8.4	0.95	32/50.0	* 0.64
Nassau University	NA	NA			0/0.4	0.00	1/0.8	1.31	2/1.1	1.88	22/13.7	1.61
Nathan Littauer	0/0.8	0.00			NA	NA	NA	NA	NA	NA		
Newark Wayne	0/1.1	0.00			2/0.2	^ 13.18	0/0.2	0.00	1/1.3	0.75	6/3.4	1.78
Niagara Falls	2/1.8	1.11			0/0.5	0.00	NA	NA	1/0.7	1.54	6/5.1	1.17
North Central Bronx	NA	NA					NA	NA			4/5.6	0.72
North Shore	4/16.8	* 0.24	3/6.5	0.46	5/3.1	1.59	1/1.5	0.68	14/11.0	1.27	83/76.3	1.09
Northern Dutchess	3/1.0	2.99			2/2.1	0.96	0/0.3	0.00	1/0.7	1.39	1/3.7	0.27
Northern Westchester	1/5.3	0.19			1/2.1	0.48	4/2.4	1.66	2/2.3	0.86	3/7.5	0.40
Noves Memorial	2/1.3	1.59			1/0.9	1.09	NA	NA			2/1.6	1.22
Oishei Childrens	1/1.4	0.74					3/0.5	^ 6.45	1/0.4	2.40	NA	NA
Olean General	1/1.5	0.67			2/0.5	4.06	3/0.4	^ 8.23			18/9.3	1.94
Oneida Healthcare	6/5.8	1.04			1/0.2	4.35	1/0.5	1.99			5/7.4	0.67
Oswego Hospital	NA	NA			0/0.2	0.00	2/0.3	6.22			1/2.8	0.35
Our Lady of Lourdes	3/2.9	1.05			6/3.2	1.86	NA	NA	2/3.3	0.60	31/9.4	^ 3.31
Peconic Bay Medical	0/3.5	* 0.00			1/2.7	0.37	1/0.3	2.87			8/7.5	1.07
Phelps Memorial	1/3.5	0.28			0/0.6	0.00	0/0.2	0.00	1/1.6	0.61	0/8.6	* 0.00
Plainview Hospital	0/2.8	0.00			0/0.4	0.00	0/0.3	0.00	0/1.0	0.00	1/11.8	* 0.08

Hospital acquired infection data, New York State, 2023

Hospital	Colon SSI		CABG Chest SSI		Hip SSI		Hysterectomy SSI		Fusion SSI		CDI	
	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR	Obs/Pred	SIR
Putnam Hospital	NA	NA			1/1.1	0.88	NA	NA	1/0.7	1.48	4/2.0	2.05
Queens Hospital	1/2.1	0.48			NA	NA	1/0.4	2.29			13/12.8	1.01
Richmond Univ MC	0/2.4	0.00			1/0.4	2.23	1/1.3	0.79	2/0.5	4.40	26/14.1	^ 1.84
Rochester General	17/11.9	1.42	7/4.6	1.52	9/4.3	2.12	2/1.8	1.08	19/9.3	^ 2.05	37/30.8	1.20
Rome Memorial	0/0.5	0.00			NA	NA	NA	NA	1/1.6	0.63	6/3.1	1.92
Roswell Park	14/9.6	1.46					2/2.6	0.78	NA	NA	NA	NA
SUNY Downstate	4/2.5	1.57			1/0.4	2.43	0/0.5	0.00	2/0.7	2.67	20/12.1	1.66
Samaritan- Troy	2/4.0	0.50			0/0.7	0.00	0/0.4	0.00	1/2.0	0.51	4/6.2	0.65
Samaritan-	3/1.4	2.10			1/0.5	2.12	0/0.5	0.00	NA	NA	19/9.7	1.96
Saratoga Hospital	1/5.4	0.19			5/4.6	1.09	NA	NA	1/1.6	0.63	7/7.9	0.89
Sisters of Charity	5/3.9	1.29			1/1.1	0.91	3/2.8	1.07	3/3.4	0.90	6/9.2	0.65
Sisters- St Joseph					3/2.7	1.12					0/0.8	0.00
South Brooklyn Healt	4/2.9	1.40			0/0.9	0.00	0/0.6	0.00	0/0.5	0.00	2/18.9	* 0.11
South Nassau Comm.	2/7.8	* 0.26			4/2.3	1.72	2/2.4	0.85	3/5.0	0.60	11/12.9	0.85
South Shore UHosp	2/6.4	0.31	1/3.2	0.31	4/3.7	1.07	1/3.3	0.30	3/4.1	0.73	13/23.6	0.55
St Anthony	NA	NA			0/0.6	0.00	0/0.5	0.00			3/2.3	1.28
St Barnabas	2/3.4	0.59			2/0.5	3.71	0/0.3	0.00	2/0.8	2.40	5/16.1	* 0.31
St Catherine Siena	3/3.0	0.99			1/0.8	1.19	0/0.3	0.00	5/2.8	1.80	5/9.2	0.54
St Charles Hospital	0/1.8	0.00			0/2.4	0.00	0/0.5	0.00	0/0.9	0.00	5/9.2	0.55
St Francis- Roslyn	10/8.3	1.20	1/5.5	0.18	4/5.2	0.77	NA	NA	8/7.3	1.10	9/21.7	* 0.42
St Johns Dobbs Ferry					1/0.5	2.04					0/0.2	0.00
St Johns Episcopal	1/1.6	0.61			1/0.2	4.54	NA	NA			15/9.5	1.57
St Johns Riverside	2/1.5	1.29			NA	NA	2/0.6	3.55	3/0.6	^ 4.93	18/8.9	^ 2.02
St Joseph- Bethpage	2/1.5	1.30			0/0.6	0.00			0/0.2	0.00	6/8.0	0.75
St Josephs- Syracuse	8/6.9	1.16	10/10.5	0.96	7/6.6	1.06	0/1.1	0.00	2/4.5	0.45	16/13.8	1.16
St Josephs- Yonkers	NA	NA			NA	NA	NA	NA			4/2.8	1.43
St Lukes Cornwall	1/2.2	0.46			0/1.1	0.00	NA	NA	1/0.6	1.73	19/14.9	1.27
St Marys Amsterdam	0/1.5	0.00			0/0.4	0.00	NA	NA	1/0.4	2.46	5/3.0	1.64
St Peters Hospital	13/13.3	0.98	6/6.0	1.00	2/7.8	* 0.26	3/2.3	1.28	1/4.0	0.25	26/20.0	1.30
Staten Island U N	9/9.2	0.98	0/2.6	0.00	0/0.8	0.00	1/1.6	0.64	3/3.2	0.95	54/45.3	1.19
Staten Island U S	NA	NA			1/2.2	0.46	NA	NA			14/10.4	1.34
Stony Brk	NA	NA			0/0.9	0.00	0/0.2	0.00			4/3.0	1.32
Stony Brook ELIH					NA	NA					0/1.2	0.00
Strong Memorial	32/19.7	^ 1.62	5/3.9	1.28	4/1.0	^ 3.93	3/1.4	2.13	14/10.5	1.33	61/52.7	1.16
Sunnyview Rehab											NA	NA
Syosset Hospital	NA	NA			4/3.4	1.18			0/0.7	0.00	1/2.9	0.34
UHS Binghamton	NA	NA			4/2.1	1.89	NA	NA			4/4.0	1.00
UHS Chenango	NA	NA			1/0.4	2.49	0/0.4	0.00	0/0.2	0.00	0/1.2	0.00
UHS Wilson	16/6.1	^ 2.63	3/1.6	1.82	2/0.5	3.69	0/0.2	0.00	6/5.9	1.01	31/18.9	1.64
UPMC Chautauqua	1/2.2	0.45			1/0.5	1.92	0/0.4	0.00			14/6.4	2.19
United Memorial	1/1.2	0.82			1/0.7	1.48	NA	NA			4/3.0	1.33
Unity Hosp Rochester	2/7.3	* 0.27			7/7.0	1.00	0/0.8	0.00	3/5.6	0.53	20/13.9	1.44
Univ Hosp SUNY	18/13.0	1.39	1/1.5	0.68	1/0.8	1.31	0/0.4	0.00	23/10.2	^ 2.26	32/22.8	1.41
Univ Hosp	12/9.9	1.21	0/2.4	0.00	7/4.4	1.59	1/1.6	0.61	6/6.0	0.99	33/37.5	0.88
Upst. Community	0/2.6	0.00			6/3.8	1.58	0/0.5	0.00	0/0.2	0.00	2/6.2	0.32
Vassar Brothers	7/12.5	0.56	3/2.3	1.31	1/1.3	0.79	1/1.5	0.68	6/3.9	1.55	22/15.3	1.44
Westchester Medical	4/9.3	0.43	0/2.4	0.00	1/2.0	0.49	2/2.5	0.81	6/6.7	0.89	107/57.7	^ 1.85
White Plains Hosp	6/8.2	0.73	0/0.8	0.00	3/2.6	1.13	1/2.3	0.44	2/4.6	0.43	6/21.9	* 0.27
Woodhull Med Ctr	2/1.4	1.41			0/0.2	0.00	1/0.6	1.59			7/9.0	0.78
Wyckoff Heights	3/2.1	1.44			NA	NA	0/0.4	0.00	1/0.2	4.26	16/10.7	1.49
Wynn Hospital	16/6.4	^ 2.50	3/2.9	1.04	4/1.5	2.69	0/0.2	0.00	2/0.7	2.77	21/14.6	1.44
Wyoming County	NA	NA			NA	NA	NA	NA			0/1.1	0.00

■ Significantly higher than state average. ■ Significantly lower than state average. ■ Same as state average. "NA" not calculated (small numbers).

CLABSI rates by ICU type, New York State, 2023

Hospital	Coronary ICU		Cardiothoracic ICU		Medical ICU		Medical Surgical ICU		Surgical ICU		Neurosurgical ICU		Pediatric ICU		Neonatal ICU		
	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	NICU level	CLABSI / CLDays	Adj rate
Adirondack							0/580	0.0									
Albany Med Ctr	0/2078	* 0.0	4/2991	1.3	3/4178	0.7	0/1976	0.0	8/6454	1.2			5/1692	3.0	RPC	0/3397	0.0
Arnot Ogden Med							3/1585	1.9							Lev 3	1/567	2.2
Auburn Memorial							2/1006	2.0									
Bellevue Hospital	6/2772	2.2	0/718	0.0	3/1584	1.9			4/1164	^ 3.4	1/471	2.1	1/265	3.8	RPC	2/2232	0.7
Bon Secours							0/185	0.0									
Bronx-Lebanon	1/679	1.5			5/2390	2.1									Lev 3	0/339	0.0
Brookdale Hospital	2/554	3.6			2/1669	1.2			4/1687	2.4	0/456	0.0	0/23	0.0	Lev 3	1/365	2.7
Brooklyn Hosp Ctr	2/383	5.2			0/813	0.0									Lev 3	1/631	1.6
Brooks Memorial							0/391	0.0									
Buffalo General			0/3599	0.0	7/6195	1.1			1/2218	0.5	3/2465	1.2					
Canton-Potsdam							0/538	0.0									
Cayuga Medical							0/1012	0.0									
Champlain Valley							0/1452	0.0									
Claxton-Hepburn							0/721	0.0									
Clifton Springs					0/345	0.0											
Cohens Childrens													2/3351	0.6	RPC	2/5236	0.3
Columbia							1/841	1.2									
Corning Hospital							0/323	0.0									
Cortland Reg Med					0/328	0.0											
Crouse Hospital							0/3362	0.0							RPC	6/4325	1.3
Ellis Hospital					3/2014	1.5			0/2434	0.0							
Elmhurst Hospital	0/308	0.0			0/1063	0.0			0/726	0.0					Lev 2/3	0/450	0.0
Erie County Med					4/2771	1.4											
FF Thompson					2/1064	1.9											
Flushing Hospital					0/959	0.0	0/59	0.0							Lev 3	0/356	0.0
Garnet Catskills							0/342	0.0									
Garnet							0/2799	0.0									
Geneva General							0/674	0.0									
Glen Cove							0/475	0.0									
Glens Falls							0/1383	0.0									
Good Samar.			0/553	0.0	1/1289	0.8			1/606	1.7							
Good Samar. W	0/286	0.0	0/967	0.0	1/2760	0.4			0/2084	0.0	0/525	0.0	0/92	0.0	Lev 3	0/1369	0.0
Harlem Hospital	0/417	0.0			0/174	0.0	1/1282	0.8					0/189	0.0	Lev 3	0/339	0.0
Highland Hospital					3/712	4.2	2/957	2.1									
Hosp for Spec Surg							0/109	0.0									

CLABSI rates by ICU type, New York State, 2023

Hospital	Coronary ICU		Cardiothoracic ICU		Medical ICU		Medical Surgical ICU		Surgical ICU		Neurosurgical ICU		Pediatric ICU		Neonatal ICU		
	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	NICU level	CLABSI / CLDays	Adj rate
Huntington	0/644	0.0					0/980	0.0									
Interfaith Med Ctr							2/1259	1.6									
JT Mather							1/1531	0.7									
Jacobi Med Ctr	1/825	1.2			2/1374	1.5			0/1147	0.0			1/62	16.1	Lev 3	1/1010	0.8
Jamaica Hospital					1/1918	0.5			0/814	0.0					Lev 3	0/681	0.0
Jones Memorial							0/128	0.0									
Kenmore Mercy							0/1469	0.0									
Kings County					2/2164	0.9			2/1472	1.4			0/52	0.0	Lev 2/3	0/473	0.0
LIJ at Forest Hills					0/953	0.0											
LIJ at Valley							1/964	1.0									
Lenox Hill	3/1287	2.3	1/2396	0.4	1/1105	0.9					2/339	5.9			Lev 2/3	1/518	1.9
Lincoln Med Ctr					2/2797	0.7			0/1203	0.0					Lev 3	0/288	0.0
Long Isl	0/682	0.0			2/2402	0.8	0/579	0.0	0/1097	0.0							
Long Isl.	0/629	0.0			1/737	1.4			0/476	0.0							
Maimonides Med	2/915	2.2	3/2228	1.3	0/1036	0.0			0/892	0.0			0/266	0.0	RPC	1/1374	0.7
Mary Imogene							4/3209	1.2									
Memor							3/4548	0.7					1/905	1.1			
Mercy Hosp			0/1572	0.0			0/2399	0.0									
Mercy Med Ctr							0/983	0.0							Lev 3	0/60	0.0
Metropolitan Hosp							0/971	0.0							Lev 2/3	0/245	0.0
MidHudson Reg of							2/1230	1.6									
Millard Fill.							1/2727	0.4									
Montefiore-			1/348	2.9	5/2429	2.1			0/879	0.0					RPC	3/3710	0.6
Montefiore-Moses	5/1634	3.1	5/2798	1.8	3/1183	2.5			1/937	1.1			5/2142	2.3			
Montefiore-Mt							0/112	0.0									
Montefiore-							1/1213	0.8									
Montefiore-Nyack					0/1059	0.0			1/766	1.3							
Montefiore-					1/933	1.1									Lev 2/3	0/156	0.0
Mount St. Marys					1/719	1.4											
Mt Sinai	0/1639	0.0	3/4807	0.6	0/1933	0.0			3/2245	1.3	1/1153	0.9	2/2727	0.7	RPC	3/3236	1.1
Mt Sinai Beth	0/218	0.0					0/1253	0.0									
Mt Sinai Brooklyn							1/963	1.0									
Mt Sinai Queens							0/645	0.0									
Mt Sinai St Lukes	0/782	0.0	0/889	0.0	2/1088	1.8			0/461	0.0							
Mt Sinai West					0/409	0.0	2/974	2.1			0/269	0.0			Lev 3	0/980	0.0
NY Community							1/404	2.5									

CLABSI rates by ICU type, New York State, 2023

Hospital	Coronary ICU		Cardiothoracic ICU		Medical ICU		Medical Surgical ICU		Surgical ICU		Neurosurgical ICU		Pediatric ICU		Neonatal ICU		
	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	NICU level	CLABSI / CLDays	Adj rate
NYP-Allen							1/1111	0.9									
NYP-Brklyn	2/568	3.5	1/918	1.1			0/2614	0.0					0/17	0.0	Lev 3	0/1370	0.0
NYP-Columbia	10/5424	1.8	5/7766	0.6	11/4729	^ 2.3			2/2970	0.7	2/1545	1.3					
NYP-Hudson							0/649	0.0							Lev 2/3	0/6	0.0
NYP-Lawrence					0/1558	0.0									Lev 2/3	0/7	0.0
NYP-Lower							5/1040	^ 4.8									
NYP-Morgan													7/6851	1.0	RPC	8/7915	1.2
NYP-Queens	0/191	0.0	0/964	0.0	0/2039	0.0	0/882	0.0			0/89	0.0			Lev 3	0/311	0.0
NYP-Weill Cornell	8/3586	2.2	4/4824	0.8	4/3823	1.0			2/2375	0.8	0/872	0.0	2/1695	1.2	RPC	3/3463	1.1
NYU Langone					0/1016	0.0			0/541	0.0	2/481	4.2			Lev 2/3	0/63	0.0
NYU Orthopedic									0/62	0.0							
NYU Tisch	3/1860	1.6			3/4386	0.7			3/5711	0.5	0/1030	0.0	2/5139	0.4	RPC	2/3365	0.6
NYU Winthrop					2/1890	1.1			0/2364	0.0	1/656	1.5	0/438	0.0	RPC	1/1001	1.3
Nassau University	0/752	0.0			0/1116	0.0			3/856	3.5					Lev 3	0/154	0.0
Nathan Littauer							0/481	0.0									
Newark Wayne					0/919	0.0											
Niagara Falls							2/1147	1.7									
North Central							0/862	0.0									
North Shore	6/2262	2.7	4/5226	0.8	4/1766	2.3			5/2272	2.2	1/1237	0.8			RPC	0/1147	0.0
Northern Dutchess							0/521	0.0									
Northern							0/461	0.0							Lev 3	0/66	0.0
Noyes Memorial							0/594	0.0									
Oishei Childrens													3/1713	1.8	RPC	3/5510	0.5
Olean General							0/1262	0.0									
Oneida Healthcare							0/616	0.0									
Oswego Hospital					0/374	0.0											
Our Lady of							1/1170	0.9									
Peconic Bay							0/573	0.0									
Phelps Memorial							0/659	0.0									
Plainview Hospital							0/1082	0.0									
Queens Hospital					0/2004	0.0									Lev 3	0/342	0.0
Richmond Univ	1/402	2.5			5/2234	2.2			2/1203	1.7			0/18	0.0	Lev 3	1/269	4.2
Rochester General	3/1874	1.6	1/3553	0.3	3/3727	0.8			0/1653	0.0							
Rome Memorial							0/403	0.0									
Roswell Park							7/2408	^ 2.9									
SUNY Downstate	0/469	0.0			0/887	0.0			0/32	0.0			0/39	0.0	RPC	0/644	0.0

CLABSI rates by ICU type, New York State, 2023

Hospital	Coronary ICU		Cardiothoracic ICU		Medical ICU		Medical Surgical ICU		Surgical ICU		Neurosurgical ICU		Pediatric ICU		Neonatal ICU		
	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	NICU level	CLABSI / CLDays	Adj rate
Samaritan- Troy							3/2126	1.4									
Samaritan-							0/765	0.0									
Saratoga Hospital					0/1526	0.0											
Sisters of Charity							0/1450	0.0							Lev 3	1/1242	0.7
South Brooklyn	1/594	1.7			4/2065	1.9			0/1419	0.0					Lev 2/3		* 0.0
South Nassau							1/2376	0.4									
South Shore			0/1216	0.0			0/2179	0.0			0/277	0.0					
St Anthony							0/239	0.0									
St Barnabas					1/1580	0.6			0/618	0.0					Lev 2/3	1/175	5.7
St Catherine Siena	0/635	0.0					0/676	0.0									
St Charles					0/774	0.0											
St Francis- Roslyn			3/3815	0.8	0/1433	0.0			1/1534	0.7							
St Johns Episcopal	1/621	1.6			2/650	3.1											
St Johns Riverside							1/1727	0.6									
St Joseph-							1/1708	0.6									
St Josephs-			1/2722	0.4	0/2315	0.0	3/1653	1.8	1/2699	0.4					Lev 3	0/107	0.0
St Josephs-							0/805	0.0									
St Lukes Cornwall							0/1849	0.0									
St Marys							0/594	0.0									
St Peters Hospital			1/2063	0.5	4/2926	1.4									Lev 3	0/351	0.0
Staten Island U N			0/1622	0.0			3/4136	0.7	1/1051	1.0			0/53	0.0	Lev 3	0/417	0.0
Staten Island U S							0/994	0.0									
Stony Brk	0/16	0.0			0/573	0.0											
Strong Memorial			4/5237	0.8	17/8145	^ 2.1			14/5279	^ 2.7			10/5506	1.8	RPC	2/5662	0.4
Syosset Hospital							1/502	2.0									
UHS Binghamton							0/211	0.0									
UHS Chenango							0/194	0.0									
UHS Wilson			1/2246	0.4			1/2228	0.4							Lev 2/3	0/108	0.0
UPMC					1/1128	0.9											
United Memorial							1/734	1.4									
Unity Hosp							3/4358	0.7									
Univ Hosp SUNY			2/2983	0.7	5/7770	0.6			2/2436	0.8	2/5623	0.4	3/981	3.1			
Univ Hosp	0/865	0.0	2/1575	1.3	5/2113	2.4			0/2021	0.0	0/520	0.0	0/583	0.0	RPC	1/3507	0.4
Upst. Community							1/1834	0.5									
Vassar Brothers							4/3872	1.0							Lev 2/3	0/401	0.0
Westchester	1/1317	0.8	1/3333	0.3	1/2859	0.3			2/1362	1.5	3/1824	1.6	3/1416	2.1	RPC	1/3920	0.3

CLABSI rates by ICU type, New York State, 2023

Hospital	Coronary ICU		Cardiothoracic ICU		Medical ICU		Medical Surgical ICU		Surgical ICU		Neurosurgical ICU		Pediatric ICU		Neonatal ICU		
	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	CLABSI / CLDays	Rate	NICU level	CLABSI / CLDays	Adj rate
White Plains Hosp							0/1470	0.0							Lev 3	0/114	0.0
Woodhull Med Ctr							1/1160	0.9							Lev 2/3	0/189	0.0
Wyckoff Heights					1/1424	0.7									Lev 3	0/372	0.0
Wynn Hospital			0/1475	0.0			0/4360	0.0	0/697	0.0							
MVHS			0/1475	0.0			0/4360	0.0	0/697	0.0							
Wyoming County							0/81	0.0									

Data reported as of June 16, 2024. ■ Significantly higher than state average. ■ Significantly lower than state average. ■ Same as state average.

Inf=number of CLABSI, CLDays=central line days. Each hospital's 2023 data was compared to the NYS 2023 average.

Rates are per 1000 CLDays. Excludes mucosal barrier injury (MBI)-CLABSIs and bloodstream infections associated with use of extracorporeal membrane oxygenation (ECMO) and ventricular assist devices (VADs), observed or suspected patient injection into a vascular line, known or suspected factitious disorder imposed on another (FDIA; formerly Munchausen syndrome by proxy (MSbP)) epidermolysis bullosa (EB), pus at another vascular access device site matches an organism identified in the blood and group B *Streptococcus* BSIs in infants during the first 6 days of life.

CLABSI rates by ICU type, New York State, 2023

Hospital	Medical Wards		Medical Surgical Wards		Surgical Wards		Step Down Units		Pediatric Wards		Oncology Wards		Mixed Acuity Wards		Telemetry Wards	
	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate
AO Fox Memorial	1/355	2.8														
Adirondack Medical			0/672	0.0												
Albany Med Ctr	10/10608	0.9	1/2157	0.5	3/5206	0.6			0/404	0.0						
Alice Hyde Med Ctr			0/216	0.0									0/33	0.0		
			0/216	0.0									0/33	0.0		
Arnot Ogden Med			1/2216	0.5												
Auburn Memorial			0/867	0.0	0/690	0.0										
Bellevue Hospital	9/5445	1.7	1/601	1.7	3/1436	2.1	1/1000	1.0	0/339	0.0						
Blythedale Childrens									4/1356	2.9						
Bon Secours			0/209	0.0												
Bronx-Lebanon	6/3043	2.0	2/1755	1.1			0/154	0.0	0/2	0.0					1/377	2.7
Brookdale Hospital	1/2994	0.3			1/993	1.0	0/233	0.0	0/17	0.0						
Brooklyn Hosp Ctr	1/1193	0.8	1/389	2.6			0/887	0.0							3/397	^ 7.6
Brooks Memorial			0/301	0.0												
Buffalo General	15/11976	1.3	3/1579	1.9	3/2486	1.2	10/4644	^ 2.2							2/2064	1.0
Canton-Potsdam			3/1106	2.7												
Cayuga Medical Ctr			0/1676	0.0												
Champlain Valley			0/4129	0.0			1/1946	0.5								
Claxton-Hepburn			2/1528	1.3												
Clifton Springs	1/632	1.6			0/174	0.0										
Cohens Childrens									0/1824	0.0	3/4816	0.6				
Columbia Memorial	0/283	0.0	1/1892	0.5												
Corning Hospital	0/638	0.0			0/531	0.0										
Cortland Reg Med	0/370	0.0	0/386	0.0												
Crouse Hospital			5/8283	0.6												
Ellis Hospital	2/3192	0.6			0/765	0.0										
Elmhurst Hospital	0/3428	* 0.0	0/47	0.0	0/918	0.0			0/49	0.0			1/1255	0.8		
Erie County Med Ctr			8/11022	0.7			2/2398	0.8								
FF Thompson	6/2605	2.3														
Flushing Hospital			3/1997	1.5											0/337	0.0
Garnet Catskills			0/181	0.0												
Garnet Middletown	3/4448	0.7	0/711	0.0											0/991	0.0
Geneva General	1/808	1.2	0/492	0.0												
Glen Cove Hospital			0/370	0.0	0/125	0.0										
Glens Falls Hospital	0/2381	0.0	0/4	0.0	1/894	1.1					2/1570	1.3				
Good Samar. Suffern			0/2808	0.0												

CLABSI rates by ICU type, New York State, 2023

Hospital	Medical Wards		Medical Surgical Wards		Surgical Wards		Step Down Units		Pediatric Wards		Oncology Wards		Mixed Acuity Wards		Telemetry Wards	
	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate
Good Samar. W Islip	1/2009	0.5	0/1402	0.0	0/398	0.0	0/84	0.0	0/17	0.0	0/1173	0.0			1/1089	0.9
Harlem Hospital	1/1232	0.8	1/1417	0.7					0/36	0.0						
Highland Hospital	15/5578	^ 2.7	3/2252	1.3	1/2047	0.5					1/1297	0.8	10/2050	^ 4.9		
Hosp for Spec Surg			0/1786	0.0			0/133	0.0	0/32	0.0						
Huntington Hospital	0/575	0.0	2/925	2.2	0/260	0.0			0/5	0.0	0/788	0.0			0/139	0.0
Interfaith Med Ctr			2/2694	0.7												
JT Mather Hospital			0/1831	0.0	0/360	0.0	0/698	0.0								
Jacobi Med Ctr	1/2039	0.5	0/2150	0.0	0/469	0.0	1/1122	0.9	0/48	0.0						
Jamaica Hospital			2/2918	0.7	0/716	0.0							2/1133	1.8		
Jones Memorial			0/378	0.0												
Kenmore Mercy			0/3109	0.0	0/32	0.0										
Kings County Hosp	0/3503	* 0.0	1/2985	0.3	0/1104	0.0			0/46	0.0						
LIJ at Forest Hills	2/1603	1.2			0/138	0.0									0/170	0.0
LIJ at Valley Stream			3/1585	1.9											0/264	0.0
Lenox Hill Hospital	1/1989	0.5	0/454	0.0	1/1163	0.9	1/1008	1.0								
Lincoln Med Ctr	0/2069	0.0			0/1539	0.0	7/1583	^ 4.4					0/7	0.0		
Long Isl Jewish(LIJ)	4/5259	0.8	0/1995	0.0	0/1337	0.0	0/6	0.0							4/3974	1.0
Long Isl. Community	2/1105	1.8	0/573	0.0			0/96	0.0					0/367	0.0		
Maimonides Med Ctr	10/4435	^ 2.3	1/652	1.5			8/1289	^ 6.2	0/214	0.0					0/988	0.0
Mary Imogene	2/1502	1.3	0/1166	0.0	1/1813	0.6	1/1501	0.7					0/22	0.0		
Memor											**/86392	1.3				
Mercy Hosp Buffalo	2/2194	0.9	0/455	0.0	0/1429	0.0	1/1082	0.9								
Mercy Med Ctr	0/647	0.0	0/124	0.0	0/4	0.0	1/488	2.0			0/737	0.0			1/848	1.2
Metropolitan Hosp	0/1387	0.0			0/561	0.0			0/22	0.0						
MidHudson Reg of			0/1018	0.0			1/503	2.0								
Millard Fill. Suburb			5/7307	0.7												
Montefiore-Einstein	7/4517	1.5			2/1901	1.1					4/1856	2.2			0/1581	0.0
Montefiore-Moses	16/12071	1.3	0/1051	0.0	5/2935	1.7			4/4315	0.9	6/4017	1.5				
Montefiore-Mt			0/115	0.0			0/130	0.0								
Montefiore-			1/417	2.4	1/446	2.2	0/578	0.0								
Montefiore-Nyack			1/1916	0.5			0/633	0.0	1/437	2.3						
Montefiore-	1/2681	0.4	0/434	0.0											0/392	0.0
Mount St. Marys			0/861	0.0												
Mt Sinai	10/5234	1.9	4/4682	0.9	3/2921	1.0	2/1859	1.1	1/918	1.1	20/15456	1.3			0/478	0.0
Mt Sinai Beth Israel	0/1748	0.0	0/63	0.0	0/391	0.0									0/341	0.0
Mt Sinai Brooklyn	1/2252	0.4			0/471	0.0	1/214	4.7								

CLABSI rates by ICU type, New York State, 2023

Hospital	Medical Wards		Medical Surgical Wards		Surgical Wards		Step Down Units		Pediatric Wards		Oncology Wards		Mixed Acuity Wards		Telemetry Wards	
	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate
Mt Sinai Queens	1/1423	0.7	1/662	1.5			1/270	3.7								
Mt Sinai St Lukes	3/2815	1.1	0/693	0.0	0/1197	0.0										
Mt Sinai West	3/2020	1.5	2/1823	1.1	0/585	0.0	0/67	0.0								
NY Community Hosp			0/90	0.0			0/292	0.0								
NYP-Allen	0/1943	0.0	0/398	0.0												
NYP-Brklyn	1/3355	0.3	6/4531	1.3	0/882	0.0	0/197	0.0	0/76	0.0						
NYP-Columbia	16/11674	1.4	4/8547	0.5	2/4885	0.4					9/12197	0.7				
NYP-Hudson Valley			0/1802	0.0			0/654	0.0								
NYP-Lawrence			5/3495	1.4												
NYP-Lower			0/1070	0.0												
NYP-Morgan Stanley									9/8982	1.0						
NYP-Queens	1/6415	* 0.2	0/61	0.0	0/1350	0.0	0/38	0.0								
NYP-Weill Cornell	18/9991	^ 1.8	6/4828	1.2	3/3369	0.9	1/598	1.7	1/1146	0.9	23/12620	^ 1.8				
NYU Langone	0/3284	* 0.0			0/574	0.0	0/421	0.0								
NYU Orthopedic	0/297	0.0														
NYU Tisch	3/7692	0.4			1/6244	0.2			1/2863	0.3	5/5912	0.8				
NYU Winthrop	6/8414	0.7	0/892	0.0	0/2132	0.0			0/448	0.0						
Nassau University	0/3043	0.0	0/401	0.0	0/54	0.0										
Nathan Littauer			0/454	0.0												
Newark Wayne	1/952	1.1													0/257	0.0
Niagara Falls					4/726	^ 5.5	1/829	1.2								
North Central Bronx	2/547	3.7														
North Shore	6/4728	1.3	3/2294	1.3	4/3953	1.0					4/9546	* 0.4	0/333	0.0	4/889	^ 4.5
Northern Dutchess	0/100	0.0	0/958	0.0												
Northern	0/1525	0.0			0/442	0.0										
Noves Memorial	1/1025	1.0	0/1	0.0												
Oishei Childrens									1/1437	0.7	0/2243	0.0				
Olean General	1/2147	0.5			0/451	0.0										
Oneida Healthcare			0/824	0.0												
Oswego Hospital			0/339	0.0												
Our Lady of Lourdes	7/3558	2.0	0/707	0.0	1/1514	0.7										
Peconic Bay Medical			2/2224	0.9			0/188	0.0								
Phelps Memorial	0/610	0.0	0/601	0.0									0/90	0.0		
Plainview Hospital	0/1278	0.0	0/535	0.0											0/732	0.0
Putnam Hospital			0/1166	0.0									0/689	0.0		
Queens Hospital	1/2890	0.3	1/1685	0.6	0/527	0.0	0/403	0.0								

CLABSI rates by ICU type, New York State, 2023

Hospital	Medical Wards		Medical Surgical Wards		Surgical Wards		Step Down Units		Pediatric Wards		Oncology Wards		Mixed Acuity Wards		Telemetry Wards	
	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate
Richmond Univ MC	3/1784	1.7			0/361	0.0			0/23	0.0			2/839	2.4		
Rochester General	10/6993	1.4	5/5397	0.9	4/3146	1.3	1/2421	0.4			4/5763	0.7	0/151	0.0	3/2485	1.2
Rome Memorial	0/22	0.0	2/506	4.0												
Roswell Park											34/27381	1.2				
SUNY Downstate	3/2660	1.1			0/610	0.0	1/840	1.2	0/12	0.0						
Samaritan- Troy			5/3590	1.4			0/1196	0.0								
Samaritan-	1/30	33.3	1/2706	0.4												
Saratoga Hospital	1/3247	0.3			0/49	0.0										
Sisters of Charity	1/2240	0.4	1/2190	0.5	0/1204	0.0										
Sisters- St Joseph					0/10	0.0										
South Brooklyn Healt	2/2901	0.7	0/1503	0.0	0/488	0.0	0/295	0.0								
South Nassau Comm.			2/5465	0.4			1/3279	0.3	0/21	0.0						
South Shore UHosp	0/422	0.0	1/3012	0.3			0/1026	0.0	0/2	0.0						
St Anthony			0/126	0.0												
St Barnabas	0/553	0.0	2/1774	1.1	0/186	0.0	0/513	0.0								
St Catherine Siena	0/1785	0.0			0/378	0.0										
St Charles Hospital			0/597	0.0												
St Francis- Roslyn			0/6078	* 0.0			0/962	0.0								
St Johns Dobbs Ferry			0/32	0.0												
St Johns Episcopal			6/2630	^ 2.3												
St Johns Riverside	1/1747	0.6	1/1164	0.9											0/756	0.0
St Joseph- Bethpage			1/959	1.0			0/175	0.0					0/17	0.0	0/330	0.0
St Josephs- Syracuse			3/7845	0.4			0/948	0.0			0/1751	0.0			0/885	0.0
St Josephs- Yonkers			1/1019	1.0												
St Lukes Cornwall			1/3662	0.3									0/25	0.0		
St Marvs Amsterdam			0/706	0.0	0/27	0.0										
St Peters Hospital	2/6635	0.3	2/3725	0.5			0/2747	0.0			4/3042	1.3	1/1615	0.6		
Staten Island U N			7/3561	^ 2.0	0/516	0.0	0/31	0.0	0/154	0.0					0/490	0.0
Staten Island U S			0/221	0.0											0/156	0.0
Stony Brk			0/1130	0.0												
Stony Brook ELIH			0/50	0.0												
Strong Memorial	24/19576	1.2	7/4452	1.6	2/4663	0.4			3/4086	0.7	20/16925	1.2				
Sunnyview Rehab			0/136	0.0												
Syosset Hospital	0/198	0.0			0/1	0.0										
UHS Binghamton			1/1007	1.0												
UHS Chenango			0/289	0.0												

CLABSI rates by ICU type, New York State, 2023

Hospital	Medical Wards		Medical Surgical Wards		Surgical Wards		Step Down Units		Pediatric Wards		Oncology Wards		Mixed Acuity Wards		Telemetry Wards	
	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate	CLABSI/CLDays	Rate
UHS Wilson			3/3510	0.9			1/627	1.6			0/391	0.0	0/979	0.0	2/2469	0.8
UPMC Chautauqua	1/1074	0.9	3/1820	1.6												
United Memorial	0/875	0.0			0/712	0.0										
Unity Hosp			5/16556	0.3												
Univ Hosp SUNY	6/7015	0.9	4/5867	0.7			0/1730	0.0	1/1211	0.8	12/10264	1.2				
Univ Hosp	2/4775	0.4			0/2894	0.0	0/1559	0.0	1/878	1.1	3/6352	0.5	0/522	0.0		
Upst. Community	2/2019	1.0	0/1271	0.0												
Vassar Brothers			5/6262	0.8									0/3244	* 0.0		
Westchester Medical	1/4986	0.2	2/5684	0.4			9/6785	1.3	3/3346	0.9	4/10621	* 0.4				
White Plains Hosp			0/4137	0.0			0/2507	0.0								
Woodhull Med Ctr			0/1664	0.0	0/316	0.0	2/542	3.7								
Wyckoff Heights			4/1861	2.1			0/187	0.0							0/833	0.0
Wynn Hospital	1/445	2.2	1/3345	0.3	0/1303	0.0	0/2972	0.0	0/74	0.0	0/1275	0.0			0/455	0.0
MVHS	1/445	2.2	1/3345	0.3	0/1303	0.0	0/2972	0.0	0/74	0.0	0/1275	0.0			0/455	0.0

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Rates are per 1000 CLDays. Excludes mucosal barrier injury (MBI)-CLABSIs and bloodstream infections associated with use of extracorporeal membrane oxygenation (ECMO) and ventricular assist devices (VADs), observed or suspected patient injection into a vascular line, known or suspected factitious disorder imposed on another (FDIA; formerly known as Munchausen syndrome by proxy (MSbP)), epidermolysis bullosa (EB), pus at another vascular access device site matches an organism identified in the blood and group B *Streptococcus* BSIs in infants during the first 6 days of life.

Summary of hospital performance

In 2023, 37 hospitals (23%) were flagged for having an HAI rate significantly higher than the NYS average in one of the 23 indicators that can be risk adjusted i.e., CDI, colon SSI, CABG chest SSI, CABG donor SSI, hip SSI, hysterectomy SSI, fusion SSI, CLABSIs in eight types of ICUs and eight types of wards). Hospitals were required to submit improvement plans to the Department to address each high rate. The details of the response and Department involvement increase based on the number of consecutive years of high rates, following the Department's HAI Reporting Program "Policy for Facilities with Consecutive Years of High HAI Rates" (https://www.health.ny.gov/statistics/facilities/hospital/hospital_acquired_infections/docs/policy_repeat_high_hai_rates.pdf).

The 24th monitored indicator, CRE, is not flagged because it cannot be adequately risk adjusted.

What should I do with this information?

It's important to understand that numbers alone won't show how well a hospital is doing in preventing HAIs. This report shows how hospitals performed in 2023 based on a selected set of HAIs and with limited adjustment for differences between patient populations. Consumers should consult with doctors, healthcare facilities, health insurance carriers, and reputable healthcare websites before deciding where to receive care. Decisions regarding healthcare quality should not be based on these data alone.

Role of the State Health Department

The Department collaborates with federal agencies, healthcare facilities, and the public, with the common goal of reducing HAIs and antimicrobial resistance. Some specific achievements in 2023 are listed below.

- The Department continued to audit hospitals to ensure that public reporting fairly reflects what is occurring in each hospital.
- The Department continued to monitor the improvement plans from hospitals flagged with high HAI rates to encourage improvement and provide assistance as requested.
- The Department continued to act as a central resource for up-to-date, evidence-based information on HAI prevention, and the Department continued to assist facilities in responding to outbreaks.

Additional information on these topics is available in Part 2: Technical Report.

What Patients Can do to Prevent Infections

1. Keep hands clean.

Be sure everyone performs hand hygiene before touching you. Hand hygiene can be accomplished using an alcohol-based hand sanitizer containing at least 65% alcohol (called hand sanitizing) or by using soap and water if hands are visibly soiled (called hand washing). If you do not see your healthcare providers performing hand hygiene before caring for you, don't be shy about asking them to do so. Keep your own hands clean to avoid contaminating yourself.

2. Talk to your healthcare providers about all your questions and concerns.

Clear communication is very important. Ask your healthcare provider what specific steps are taken to prevent infections, as well as what you can do to help prevent infections.

3. Take antibiotics only if necessary and exactly as your healthcare provider prescribes.

Ask your healthcare provider if you really need an antibiotic and what you can do to feel better if you don't. Ask if tests will be done to make sure the right antibiotic is prescribed.

4. Know the signs and symptoms of infection so you can seek medical care quickly.

Diarrhea while taking an antibiotic could be a sign of *Clostridioides difficile* infection. Carefully follow your healthcare provider's instructions for post-operative care of your wounds. Watch for fever, as well as redness, pain, or discharge near a surgery or catheter site.

5. If you have a central venous catheter or urinary catheter, ask every day if the catheter is still necessary.

Invasive devices provide a way for germs to enter the body. Carefully follow instructions for care of these devices when they are necessary.

Additional information on HAIs is available from CDC at <http://www.cdc.gov/hai/>.