### **About Healthcare-associated Infections**

### 2025 Hospital Report Card

<u>Healthcare-associated Infections (HAI)</u> are infections that people can get while receiving services at a healthcare facility. Hospitals can reduce the risk of HAIs by taking steps developed by the <u>Centers for Disease Control and Prevention</u> and the <u>Institute for Healthcare Improvement</u>.

<u>Standardized Infection Ratio</u> (SIR) is a statistic used in these reports to track healthcareassociated infection prevention progress over time. The SIR is adjusted to account for factors that might cause infection rates to be higher or lower, such as hospital size, the type of patients a hospital serves, surgery types and patient characteristics.

If you need help accessing or understanding this information, contact AHS.VDHHospitalReportCard@vermont.gov.

#### **Known Healthcare-associated Infections:**

<u>Central Line-Associated Bloodstream Infection (CLABSI)</u> - a serious infection that occurs when germs (usually bacteria or viruses) enter the bloodstream through the central line. CLABSIs result in thousands of deaths each year and billions of dollars in added costs to the U.S. healthcare system, yet these infections are preventable.

<u>Clostridioides difficile (C. Diff)</u> - a bacterium that causes diarrhea and colitis (an inflammation of the colon). C. Diff causes almost half a million illnesses in the United States each year.

<u>Surgical Site Infections (SSI)</u> - an infection that occurs after surgery in the part of the body where the surgery took place. It can be a superficial infection or more serious and can involve tissues under the skin, organs, or implanted material.

### **More on Infection Reporting**

- CMS Hospital Compare Healthcare-associated Infections
   https://www.medicare.gov/hospitalcompare/Data/Healthcare-Associated-Infections.html
- CMS Hospital Compare Measures and Current Data Collection Periods https://www.medicare.gov/HospitalCompare/data/Data-Updated.html#MG14





- CDC Tracking Infections in Acute Care Hospitals/Facilities https://www.cdc.gov/nhsn/acute-care-hospital/index.html
- QualityNet Healthcare-associated Infection page
- <a href="http://qualitynet.org/dcs/ContentServer?c=Page&pagename=QnetPublic%2FPage%2FQnetTier2&cid=1228760487021">http://qualitynet.org/dcs/ContentServer?c=Page&pagename=QnetPublic%2FPage%2FQnetTier2&cid=1228760487021</a>



# Hospital Report Card: Quality Ratings Health Care-Associated Infections

January 2025

Hospital Report Cards can be used to review and compare information about community and psychiatric hospitals in terms of quality of care (outcomes, patient satisfaction, and more), costs for common services, healthcare-associated infection ratios, nurse staffing levels, patient safety, and hospitals' financial information.

#### **Data Notes**



- Due to the pandemic, hospitals were exempted from or given extensions for data submission to various federal agencies. Because of this, the data below may not reflect the accurate number of infections reported, which will also affect how SIR was calculated.
- Reporting Period for CLABSI, CAUTI, SSI: colon surgery, SSI: hysterectomy, MRSA, and C. diff are 4/1/2023 – 3/31/2024.



- Reporting Period for SSI: Knees and SSI: Hips surgery are 10/1/2022 -9/30/2023.
- If you need help accessing or understanding this information, contact AHS.VDHHospitalReportCard@vermont.gov.

Continue to the following pages to see infection data per hospital.





#### **Central Line-Associated Blood Stream Infection (CLABSI)**

Hospital Name	No. of Infections Reported	Central Line Days	Predicted Number of Infections	SIR
Brattleboro Memorial Hospital	0	228	0.133	n/a <sup>13</sup>
Central Vermont Medical Center	0	1299	0.885	n/a <sup>13</sup>
Copley Hospital	0	430	0.117	n/a <sup>13</sup>
Gifford Medical Center	0	144	0.039	n/a <sup>13</sup>
Grace Cottage Family Health & Hospital	0	353	0.096	n/a <sup>13</sup>
Mt. Ascutney Hospital	0	873	0.238	n/a <sup>13</sup>
North Country Hospital	0	119	0.033	n/a <sup>13</sup>
Northeastern Vermont Regional Hospital	0 з	399 <sup>3</sup>	0.109 <sup>3</sup>	n/a <sup>3, 13</sup>
Northwestern Medical Center	1 <sup>28</sup>	849 <sup>28</sup>	0.492 28	n/a <sup>13, 28</sup>
Porter Hospital	0	176	0.048	n/a <sup>13</sup>
Rutland Regional Medical Center	1	2205	1.503	0.665
Southwestern Vermont Medical Center	0	906	0.72	n/a <sup>13</sup>
Springfield Hospital	0	305	0.083	n/a <sup>13</sup>
University of Vermont Medical Center	15	19081	19.587	0.766

- SIR cannot be calculated for the following hospitals because their predicted number
  of infections was less than one: Brattleboro Memorial Hospital, Central Vermont
  Medical Center, Copley Hospital, Gifford Medical Center, Grace Cottage Family Health
  & Hospital, Mt. Ascutney Hospital, North Country Hospital, Northeastern Vermont
  Regional Hospital, Northwestern Medical Center, Porter Hospital, Southwestern
  Vermont Medical Center, and Springfield Hospital.
- For Northeastern Vermont Regional Hospital results are based on a shorter time period than required.
- Northwestern Medical Center results are based on the hospital or facility's data submissions. CMS approved the hospital or facility's Extraordinary Circumstances Exception request suggesting that results may be impacted.
- Rutland Regional Medical Center and University of Vermont Medical Center were rated **no different** than the national benchmark.



#### **Catheter Associated Urinary Tract Infections (CAUTI)**

Hospital Name	No. of Infections Reported	Urinary Catheter Days	Predicted Number of Infections	SIR
Brattleboro Memorial Hospital	0	819	0.402	n/a <sup>13</sup>
Central Vermont Medical Center	2	2680	1.815	1.102
Copley Hospital	1	988	0.645	n/a <sup>13</sup>
Gifford Medical Center	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
Grace Cottage Family Health & Hospital	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
Mt. Ascutney Hospital	1	1604	1.049	0.953
North Country Hospital	n/a <sup>12</sup>	n/a <sup>12</sup>	n/a <sup>12</sup>	n/a <sup>12</sup>
Northeastern Vermont Regional Hospital	0 з	1312 <sup>3</sup>	1.697 <sup>3</sup>	О 3
Northwestern Medical Center	1 <sup>28</sup>	2493 <sup>28</sup>	1.222 28	0.818 28
Porter Hospital	1	1059	0.692	n/a <sup>13</sup>
Rutland Regional Medical Center	4	3944	2.685	1.49
Southwestern Vermont Medical Center	3	1454	1.081	2.775
Springfield Hospital	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
University of Vermont Medical Center	25	19859	27.365	0.914

- SIR cannot be calculated for the following hospitals because their predicted number of infections was less than one: Brattleboro Memorial Hospital, Copley Hospital, and Porter Hospital.
- For Gifford Medical Center, Grace Cottage Family Health & Hospital, and Springfield Hospital results are not available for this reporting period.
- For North Country Hospital this measure does not apply for this reporting period.
- For Northeastern Vermont Regional Hospital results are based on a shorter time period than required
- For Northwestern Medical Center the results are based on the hospital or facility's data submission. CMS approved the hospital or facility's Extraordinary Circumstances Exception request suggesting that results may be impacted.



 Central Vermont Medical Center, Mt. Ascutney Hospital, Northeastern Vermont Regional Hospital, Northwestern Medical Center, Rutland Regional Medical Center, Southwestern Vermont Medical Center, and University of Vermont Medical Center were rated no different than the national benchmark.

#### **Surgical Site Infection from Colon Surgery (SSI - Colon Surgery)**

Hospital Name	No. of Infections Reported	No. of Procedures	Predicted Number of Infections	SIR
Brattleboro Memorial Hospital	0	5	0.129	n/a <sup>13</sup>
Central Vermont Medical Center	3	25	0.635	n/a <sup>13</sup>
Copley Hospital	0	7	0.146	n/a <sup>13</sup>
Gifford Medical Center	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
Grace Cottage Family Health & Hospital	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
Mt. Ascutney Hospital	0	12	0.311	n/a <sup>13</sup>
North Country Hospital	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
Northeastern Vermont Regional Hospital	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
Northwestern Medical Center	2 <sup>28</sup>	35 <sup>28</sup>	0.844 <sup>28</sup>	n/a <sup>13, 28</sup>
Porter Hospital	0	2	0.06	n/a <sup>13</sup>
Rutland Regional Medical Center	2	68	1.685	1.187
Southwestern Vermont Medical Center	0	22	0.595	n/a <sup>13</sup>
Springfield Hospital	0	4	0.106	n/a <sup>13</sup>
University of Vermont Medical Center	20	341	8.839	2.263

- SIR cannot be calculated for the following hospitals because their predicted number
  of infections was less than one: Brattleboro Memorial Hospital, Central Vermont
  Medical Center, Copley Hospital, Mt. Ascutney Hospital, Northwestern Medical
  Center, Porter Hospital, Southwestern Vermont Medical Center, and Springfield
  Hospital.
- For Gifford Medical Center, Grace Cottage Family Health & Hospital, North Country Hospital, and Northeastern Vermont Regional Hospital results are not available for this reporting period.
- For Northwestern Medical Center the results are based on the hospital or facility's data submission. CMS approved the hospital or facility's Extraordinary Circumstances Exception request suggesting that results may be impacted.



•	Rutland Regional Medical Center was rated no different than the national
	benchmark

•	University of	Vermont Med	ical Center wa	as rated worse	than the r	national	benchmark.
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# Surgical Site Infection from Abdominal Hysterectomy (SSI – Abdominal Hysterectomy)

Hospital Name	No. of Infections Reported	No. of Procedures	Predicted Number of Infections	SIR
Brattleboro Memorial Hospital	0	11	0.078	n/a <sup>13</sup>
Central Vermont Medical Center	0	7	0.053	n/a <sup>13</sup>
Copley Hospital	0	18	0.133	n/a <sup>13</sup>
Gifford Medical Center	0 з	2 <sup>3</sup>	0.021 3	n/a <sup>3,13</sup>
Grace Cottage Family Health & Hospital	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
Mt. Ascutney Hospital	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>	n/a <sup>5</sup>
North Country Hospital	1	20	0.178	n/a <sup>13</sup>
Northeastern Vermont Regional Hospital	0 з	1³	0.007 <sup>3</sup>	n/a <sup>3, 13</sup>
Northwestern Medical Center	0 28	17 <sup>28</sup>	0.158 <sup>28</sup>	n/a <sup>13, 28</sup>
Porter Hospital	0	4	0.04	n/a <sup>13</sup>
Rutland Regional Medical Center	0	18	0.169	n/a <sup>13</sup>
Southwestern Vermont Medical Center	0	28	0.237	n/a <sup>13</sup>
Springfield Hospital	0	2	0.014	n/a <sup>13</sup>
University of Vermont Medical Center	2	188	1.582	1.264

- SIR cannot be calculated for the following hospitals because their predicted number
  of infections was less than one: Brattleboro Memorial Hospital, Central Vermont
  Medical Center, Copley Hospital, Gifford Medical Center, North Country Hospital,
  Northeastern Vermont Regional Hospital, Northwestern Medical Center, Porter
  Hospital, Rutland Regional Medical Center, Southwestern Vermont Medical Center,
  and Springfield Hospital.
- For Gifford Medical Center and Northeastern Vermont Regional Hospital results are based on a shorter time period than required
- For Grace Cottage Family Health & Hospital and Mt. Ascutney Hospital results are not available for this reporting period.



- For Northwestern Medical Center the results are based on the hospital or facility's data submission. CMS approved the hospital or facility's Extraordinary Circumstances Exception request suggesting that results may be impacted.
- University of Vermont Medical Center was rated no different than the national benchmark.



#### Methicillin-resistant Staphylococcus aureus (MRSA)

Hospital Name	No. of Infections Reported	No. of Patient Days	Predicted Number of Infections	SIR
Brattleboro Memorial Hospital	0	7206	0.201	n/a <sup>13</sup>
Central Vermont Medical Center	0	18634	0.73	n/a <sup>13</sup>
Copley Hospital	0	6438	0.134	n/a <sup>13</sup>
Gifford Medical Center	0	3541	0.073	n/a <sup>13</sup>
Grace Cottage Family Health & Hospital	0	3679	0.077	n/a <sup>13</sup>
Mt. Ascutney Hospital	0	6932	0.145	n/a <sup>13</sup>
North Country Hospital	1	5603	0.117	n/a <sup>13</sup>
Northeastern Vermont Regional Hospital	0 з	3770 <sup>3</sup>	0.079 <sup>3</sup>	n/a <sup>3, 13</sup>
Northwestern Medical Center	0 28	11065 <sup>28</sup>	0.363 28	n/a <sup>13, 28</sup>
Porter Hospital	0	7548	0.157	n/a <sup>13</sup>
Rutland Regional Medical Center	3	27051	1.311	2.288
Southwestern Vermont Medical Center	0	13544	0.851	n/a <sup>13</sup>
Springfield Hospital	0	3886	0.081	n/a <sup>13</sup>
University of Vermont Medical Center	10	137664	12.707	0.787

- SIR cannot be calculated for the following hospitals because their predicted number
  of infections was less than one: Brattleboro Memorial Hospital, Central Vermont
  Medical Center, Copley Hospital, Gifford Medical Center, Grace Cottage Family Health
  & Hospital, Mt. Ascutney Hospital, North Country Hospital, Northeastern Vermont
  Regional Hospital, Northwestern Medical Center, Porter Hospital, Southwestern
  Vermont Medical Center, and Springfield Hospital.
- For Northeastern Vermont Regional Hospital results are based on a shorter time period than required
- For Northwestern Medical Center the results are based on the hospital or facility's data submission. CMS approved the hospital or facility's Extraordinary Circumstances Exception request suggesting that results may be impacted.
- Rutland Regional Medical Center and University of Vermont Medical Center were rated **no different** than the national benchmark.



#### **Clostridioides difficile (C. diff)**

Hospital Name	No. of Infections Reported	No. of Patient Days	Predicted Number of Infections	SIR
Brattleboro Memorial Hospital	1	6864	1.932	0.518
Central Vermont Medical Center	17	18212	8.947	1.9
Copley Hospital	2	6178	2.146	0.932
Gifford Medical Center	2	3164	0.856	n/a <sup>13</sup>
Grace Cottage Family Health & Hospital	0	3679	0.812	n/a <sup>13</sup>
Mt. Ascutney Hospital	3	6932	1.531	1.96
North Country Hospital	2	5294	2.094	0.955
Northeastern Vermont Regional Hospital	4 <sup>3</sup>	3571 <sup>3</sup>	1.621 <sup>3</sup>	2.468 <sup>3</sup>
Northwestern Medical Center	4 28	11065 <sup>28</sup>	5.462 <sup>28</sup>	0.732 28
Porter Hospital	1	7548	2.965	0.337
Rutland Regional Medical Center	17	26580	17.752	0.958
Southwestern Vermont Medical Center	2	12692	7.844	0.255
Springfield Hospital	0	3886	0.859	n/a <sup>13</sup>
University of Vermont Medical Center	63	127096	87.709	0.718

- SIR cannot be calculated for the following hospitals because their predicted number of infections was less than one: Gifford Medical Center, Grace Cottage Family Health & Hospital, and Springfield Hospital.
- For Northeastern Vermont Regional Hospital results are based on a shorter time period than required
- For Northwestern Medical Center the results are based on the hospital or facility's data submission. CMS approved the hospital or facility's Extraordinary Circumstances Exception request suggesting that results may be impacted.
- Brattleboro Memorial Hospital, Copley Hospital, Mt. Ascutney Hospital, North Country Hospital, Northeastern Vermont Regional Hospital, Northwestern Medical Center, Porter Hospital, and Rutland Regional Medical Center were rated no different than the national benchmark.
- Central Vermont Medical Center was rated worse than the national benchmark.



•	Southwestern Vermont Medical Center and University of Vermont Medical Center were rated <b>better</b> than the national benchmark.

# **Surgical Site Infection – Knee Replacement Surgery (SSI – Knee Replacement Surgery)**

Hospital Name	No. of Infections Reported	No. of Procedures	SIR
Brattleboro Memorial Hospital	2	151	n/a
Central Vermont Medical Center	1	142	n/a
Copley Hospital	1	84	n/a
Gifford Medical Center	Data not available	Data not available	Data not available
North Country Hospital	0	16	n/a
Northeastern Vermont Regional Hospital	0	20	n/a
Northwestern Medical Center	2	30	n/a
Porter Hospital	0	75	n/a
Rutland Regional Medical Center	4	246	3.935
Southwestern Vermont Medical Center	3	137	2.012
Springfield Hospital	0	38	n/a
University of Vermont Medical Center	1	322	0.496

- Too few surgeries were performed to calculate a reliable SIR for the following hospitals: Brattleboro Memorial Hospital, Central Vermont Medical Center, Copley Hospital, North Country Hospital, Northeastern Vermont Regional Hospital, Northwestern Vermont Medical Center, Porter Hospital, and Springfield Hospital.
- Data was **not available** for Gifford Medical Center.
- Grace Cottage Hospital and Mt Ascutney Hospital are excluded because they do not perform this surgery.
- Rutland Regional Medical Center was rated worse than the national benchmark.
- Southwestern Vermont Medical Center and University of Vermont Medical Center were rated no different than the national benchmark.
- SSI: Knee surgery is updated annually in this report. Data source: NHSN, via VPQHC.
   Reporting period: 10/1/22 9/30/23.



# Surgical Site Infection – Hip Replacement Surgery (SSI – Hip Replacement Surgery)

Hospital Name	No. of Infections Reported	No. of Procedures	SIR
Brattleboro Memorial Hospital	3	119	n/a
Central Vermont Medical Center	4	117	n/a
Copley Hospital	1	50	n/a
Gifford Medical Center	Data not available	Data not available	Data not available
North Country Hospital	0	14	n/a
Northeastern Vermont Regional Hospital	0	33	n/a
Northwestern Medical Center	1	42	n/a
Porter Hospital	1	54	n/a
Rutland Regional Medical Center	0	143	0
Southwestern Vermont Medical Center	1	120	0.66
Springfield Hospital	0	16	n/a
University of Vermont Medical Center	4	393	0.881

- Too few surgeries were performed to calculate a reliable SIR for the following hospitals: Brattleboro Memorial Hospital, Central Vermont Medical Center, Copley Hospital, North Country Hospital, Northeastern Vermont Regional Hospital, Northwestern Vermont Medical Center, Porter Hospital, and Springfield Hospital.
- Data was **not available** for Gifford Medical Center.
- Grace Cottage Hospital and Mt Ascutney Hospital are excluded because they **do not perform** this surgery.
- Rutland Regional Medical Center, Southwestern Vermont Medical Center, and University of Vermont Medical Center were rated no different than the national benchmark.
- SSI: Knee surgery is updated annually in this report. Data source: NHSN, via VPQHC. Reporting period: 10/1/22 9/30/23.

