Department of HEALTH & HUMAN SERVICES | Division of Public Health

STATE OF NEW HAMPSHIRE
HEALTHCARE-ASSOCIATED INFECTIONS
2024 DIALYSIS CENTER REPORT

March 2026

New Hampshire Department of Health and Human Services

Division of Public Health

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LIST OF DATA TABLES 3
ABBREVIATIONS USED IN THIS DOCUMENT 4
CONTRIBUTORS AND ACKNOWLEDGMENTS 5
EXECUTIVE SUMMARY 6
I. INTRODUCTION 8
Purpose 8
Audience 8
How to Use This Document 8
Healthcare-Associated Infections in Outpatient Settings 9
New Hampshire Healthcare-Associated Infections Program 9
State of New Hampshire Healthcare-Associated Infections Plan 9
Overview of Healthcare-Associated Infections Prevention Efforts 10
II. SURVEILLANCE METHODS 10
2024 Healthcare-Associated Infections Reporting Requirements for New Hampshire Dialysis 10
Selection of Reporting Requirements 10
National Healthcare Safety Network 11
Bloodstream Infection Surveillance 11
Intravenous Antimicrobial Administration 12
Influenza Vaccination Percentage Monitoring 12
III. STATEWIDE DATA 13
Statewide Bloodstream Infection Rates 14
Vascular Access Site Infection Rates 16
Influenza Vaccination Percentages 43
Influenza Vaccination Percentages: Comparison to 2023-24 Data 45
Influenza Vaccination Policies for Healthcare Personnel 46
IV. CONCLUSIONS 47
V. DIALYSIS CENTER INDIVIDUAL REPORTS 47
APPENDIX 1: Technical Notes 68
APPENDIX 2: Influenza Vaccination Survey Questions, 2024-2025 Season 71
APPENDIX 3: Understanding the Relationship between Healthcare-Associated Infection Rates and Standardized Infection Ratio Comparison Metrics 72
APPENDIX 4: Preventing Healthcare-Associated Infections 74
APPENDIX 5: Map of New Hampshire Dialysis Centers 2024 77

Advanced Copy

LIST OF DATA TABLES

Table 1. Statewide dialysis bloodstream infection rates, Jan 1–Dec 31, 2024 15

Table 2. Statewide dialysis bloodstream infections, standardized infection ratio, Jan 1–Dec 31, 2024 16

Table 3. Overall state rate of VASI by dialysis center, Jan 1–Dec 31, 2024 17

Table 4. Bloodstream infection rates by dialysis center, Jan 1–Dec 31, 2024 18

Table 5. Bloodstream infection rates by access type and dialysis center, Jan 1–Dec 31, 2024 19

Table 6. Local access site infection rates by dialysis, Jan 1–Dec 31, 2024 24

Table 7. Local access site infection rates by access type and dialysis center, Jan 1–Dec 31, 2024 25

Table 8. Access related bloodstream infection rate dialysis center, Jan 1–Dec 31, 2024 30

Table 9. Access related bloodstream infection rate by type and dialysis center, Jan 1–Dec 31, 2024 31

Table 10. Vascular access infection rate by dialysis center, Jan 1–Dec 31, 2024 36

Table 11. Vascular access infection rate by access type and dialysis center, Jan 1–Dec 31, 2024 37

Table 12. Rate of intravenous antimicrobial starts per patient months, Jan 1–Dec 31, 2024 42

Table 13. Influenza vaccination percentages for dialysis HCP by dialysis, 2024-25 influenza season, Oct 1, 2024–Mar 31, 2025 44

Table 14. Influenza vaccination percentages for dialysis healthcare personnel by dialysis, comparison between 2023-24 and 2024-25 influenza seasons 45

Table 15. Influenza vaccination policies and consequences for healthcare personnel by dialysis, 2024-25 influenza season 47

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ABBREVIATIONS USED IN THIS DOCUMENT

APIC	Association for Professionals in Infection Control and Epidemiology
ARBSI	Access Related Bloodstream Infection
Dialysis	Dialysis center(s)
BSI	Bloodstream infection(s)
CCN	CMS Certification Number
CDC	U.S. Centers for Disease Control and Prevention, Centers for Medicare and Medicaid Services
CMS	Centers for Medicare and Medicaid Services
DHHS	New Hampshire Department of Health and Human Services
HAI	Healthcare-associated infection(s)
HCP	Healthcare personnel
HICPAC	Healthcare Infection Control Practices Advisory Committee
HHS	U.S. Department of Health and Human Service
IV	Intravenous
LASI	Local Access Site Infection
NH	New Hampshire
NHHCQAC	New Hampshire Health Care Quality Assurance Commission
NHSN	National Healthcare Safety Network
NQF	National Quality Forum
RSA	Revised Statutes Annotated
SIR	Standardized infection ratio(s)
TAW	Healthcare-Associated Infections Technical Advisory Workgroup
VAI	Vascular Access Infection

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EXECUTIVE SUMMARY

A healthcare-associated infection (HAI) is an infection that a patient acquires during the course of receiving treatment for another condition within a healthcare setting. Approximately 500,000 patients are treated with maintenance hemodialysis in the United States. Hemodialysis patients require a vascular access, which can be a catheter, a graft, or an enlarged blood vessel that can be punctured to remove and replace blood. Other access devices, such as catheter graft hybrid devices, also exist. Bloodstream infections and localized infections of the vascular access site cause substantial morbidity and mortality in hemodialysis patients. Hemodialysis vascular access types, in order of increasing risk of infection include arteriovenous fistulas created from the patient's own blood vessels; arteriovenous grafts typically constructed from synthetic materials; tunneled central lines; and non-tunneled central lines. Because of frequent hospitalizations and receipt of antimicrobial drugs, hemodialysis patients are also at high risk for infection with antimicrobial-resistant bacteria. Measuring and tracking rates of infection and utilizing this information is an important part of infection prevention.[i]

During the 2011 legislative season, the New Hampshire (NH) Legislature passed a bill amending NH Revised Statutes Annotated (RSA) 151:32-35, requiring dialysis centers to identify, track, and report selected HAI to the NH Department of Health and Human Services (DHHS). All facilities that reported data, did so in accordance to (RSA) 151:32-35. This report represents the third summary of HAI-related data reported by dialysis centers in NH.

Healthcare-Associated Infections in New Hampshire Dialysis Centers

During the year 2024, 95% of dialysis centers reported data. There was a statistically significant higher number of infections in NH than predicted based on national data. Twenty dialysis centers were licensed for the 2024 calendar year, nineteen dialysis centers reported into NHSN.

Vascular Access Infections

Nineteen dialysis centers reported:

- Access Related Bloodstream Infection (ARBSI):Positive blood culture with the suspected source reported as the vascular access or reported in NHSN as uncertain. Nineteen dialysis centers participated in reporting ARBSI; overall, ARBSI rates were similar compared to national data
- Bloodstream Infection (BSI): Any positive blood culture event. Nineteen dialysis centers participated in reporting BSI; overall, BSI rates were similar compared to national data.
- Local Access Site Infection (LASI): Pus, redness, or increased swelling of the vascular access site and access-related bloodstream infection not present. Nineteen dialysis centers participated in reporting LASI; overall, LABSI rates were higher compared to national data.
- Vascular Access Infection (VAI): Either a local access site infection or an access-related bloodstream infection. Nineteen dialysis centers participated in reporting VAI; overall, VAI rates were higher compared to national data.

Intravenous Antimicrobial Administration

Nineteen dialysis centers that administer intravenous (IV) antimicrobial therapy were licensed for the entire 2024 calendar year and therefore required to report IV

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antimicrobial therapy administration data. Intravenous antimicrobial administration can also be referred to as intravenous antimicrobial start.

Influenza Vaccination Coverage in Dialysis Center Healthcare Personnel

Nineteen dialysis centers licensed at any point during the 2024-25 influenza season were required to report healthcare personnel (HCP) influenza vaccination percentages.

National Healthcare Safety Network (NHSN) Dialysis Module

NHSN implemented a module for dialysis centers called the Dialysis Component. The Dialysis Component allows dialysis centers to report mandated, as well as optional measures, by using one web-based secure reporting system. This system contains two distinct modules: Dialysis Event Surveillance and Dialysis Prevention Process Measures.

All dialysis center-specific ratios, rates and corresponding p-values in this report were generated directly by NHSN using Poisson statistical methods. State-level rates and corresponding p-values were calculated using the NHSN statistical calculator.

Conclusion

This is the third report of NH dialysis data and it is an important part of continuing progress toward the goal of eliminating HAI in NH. This report provides selected HAI data that can be used by healthcare facilities in the state to identify areas for improvement as well as by healthcare consumers to make informed healthcare decisions.

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I. INTRODUCTION

Purpose

This report represents the second summary of healthcare-associated infection (HAI)-related data reported by dialysis centers in NH during calendar year 2024. This report can be used by healthcare facilities in the state to identify areas for improvement as well as by healthcare consumers to make informed healthcare decisions.

Audience

The intended audience may include, but is not limited to: healthcare personnel (HCP), infection control and prevention staff, healthcare facility leadership and management, clinicians, and healthcare consumers.

How to Use This Document

This document includes aggregate data reported by all licensed dialysis centers in NH. The document consists of five sections:

I) Introduction
II) Surveillance methods
III) Statewide data
   a. Overall NH data in dialysis centers
   b. Vascular Access Site Infections (VASI) standardized infection ratios and rates for Bloodstream Infections, Local Access Site Infections, Access-related Bloodstream Infections, Vascular Access Infections.
   c. Intravenous Antimicrobial Administration
   d. Percentage of HCP receiving influenza vaccination
IV) Conclusions
V) Individual dialysis reports
VI) Appendices
   a. Technical notes
   b. Influenza vaccination survey questions, 2024-2025 season
   c. Understanding the relationship between HAI comparison metrics
   d. Map of NH Dialysis

Please contact the NH Department of Health and Human Services (DHHS) HAI Program (603-271-4496) or dhhs.hai.program@dhhs.nh.gov via email, with any questions about the content or how to use this document.

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Healthcare-Associated Infections in Outpatient Settings

Dialysis centers are a growing and important healthcare setting. Patients are potentially susceptible to HAIs in these settings as accessibility increases. In recent decades, healthcare delivery has shifted from acute care hospitals to a variety of outpatient and ambulatory settings. More than three quarters of all operations in the U.S. are performed on an outpatient basis.[ii] Approximately 500,000 patients are treated with maintenance hemodialysis in the United States.[i]

New Hampshire Healthcare-Associated Infections Program

DHHS has been developing and improving a HAI surveillance program since 2007. During the 2006 legislative season, the NH Legislature passed a bill creating NH Revised Statutes Annotated (RSA) 151:32-35, which requires hospitals to identify, track, and report HAI to DHHS. The intent of the bill is to provide HAI data by hospital or facility type in a publicly accessible forum. Because the bill did not identify funding to carry out these activities, mandatory reporting was not fully implemented until January 2009. Due to the potential risk for increased HAIs in this environment, Dialysis Centers were later added to the list of healthcare settings that were required to report under this statute.

DHHS, in accordance with (RSA) 151:32-35, required that eligible dialysis centers report the following measures:

- Vascular Access Site Infections following dialysis procedures (via NHSN).
- Intravenous Antimicrobial Administration, reported via NHSN.
- Influenza vaccination in HCP (via DHHS web survey). All dialysis report influenza vaccination in HCP.

Overview of Healthcare-Associated Infections Prevention Efforts

NH DHHS participates in statewide prevention initiatives through collaboration with external stakeholders across New Hampshire as well as national partners. Previous major statewide initiatives implemented through these partnerships have included hand hygiene campaigns and patient safety checklists. In addition to these initiatives, the HAI Program coordinated with healthcare settings to support programs focused on preventing bloodstream infections (BSIs), antimicrobial resistance, and promoted antibiotic stewardship. In 2024, the NH DHHS Healthcare-Associated Infections (HAI) Program met regularly with the New Hampshire Hospital Association and the Quality Innovation Network–Quality Improvement Organization (QIN/QIO) to develop actionable initiatives based on current data and to support ongoing collaborative efforts.

The HAI Program provides assessment resources to all healthcare settings as well as training for HCP related to: Antimicrobial Stewardship, Infection Prevention, and NHSN Technical Assistance. Training programs for healthcare facilities are tailored to meet their needs and utilize Project Firstline. Project Firstline national initiative created by the CDC in 2021 to provide infection prevention training for healthcare workers. Infection prevention training is provided across the state to share best practices for infection prevention and

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ultimately reduce HAI.

For additional information regarding these initiatives and related activities, the following websites may be helpful.

CMS QIN-QIO for Connecticut, Maine, Massachusetts, NH, Rhode Island, and Vermont: https://ipro.org

Foundation for Healthy Communities Partnership for Patients: http://www.healthynh.org/

Project Firstline https://www.cdc.gov/project-firstline/programs/index.html

II. SURVEILLANCE METHODS

2024 Healthcare-Associated Infections Reporting Requirements for New Hampshire Dialysis

Reporting requirements are governed by RSA 151:33 with authority given to DHHS to develop administrative rules to provide specific reporting instructions and methodology. Administrative rules, "He-P 309 Healthcare Associated Infections," were drafted in 2010 with stakeholder input and approved January 14, 2011 by the Joint Legislative Committee on Administrative Rules. Reporting requirements for 2012-2024 included the following required measures for dialysis centers:

- VASI following dialysis procedures, Bloodstream Infections, Local Access Site Infections, Access-Related Bloodstream Infections, and Vascular Access Infections
- Intravenous Antimicrobial Administration
- Influenza vaccination in HCP

All dialysis centers are required to report in accordance with RSA 151:33.

Selection of Reporting Requirements

RSA 151:33 broadly requires reporting of all VASI in dialysis centers; however, it was not feasible to perform surveillance for all of these infections using NHSN. To generate infection measures for dialysis centers and compare them with national data, infection reporting was limited to the capabilities of NHSN and measures were selected in accordance with national recommendations for HAI surveillance in the context of public reporting.

In 2005, CDC released a report titled "Guidance on Public Reporting of Healthcare-Associated Infections: Recommendations of the Healthcare Infection Control Practices Advisory Committee" (HICPAC). [iii] The group recommended selecting outcome measures for reporting based on the frequency, severity, and preventability of the outcomes and the

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likelihood that they can be detected and reported accurately.

National Healthcare Safety Network

NHSN is a voluntary, secure, internet-based surveillance system for healthcare facilities to monitor patient safety and infection prevention measures. Enrollment is open to all types of healthcare facilities in the U.S. DHHS selected NHSN because it is widely used across the U.S., offers already developed and accepted surveillance definitions and methods, provides national comparison data, and there is no cost to use or join the system.

More information about NHSN is available at: http://www.cdc.gov/nhsn/index.html

Bloodstream Infection Surveillance

A Bloodstream infection is an infection that can develop because of dialysis care. There are different ways to classify a BSI, such as whether it is a Local Access Site Infection (LASI), Access-related bloodstream infection (ARBSI), or Vascular access infection (VAI).

Limitations of BSI surveillance:

- BSI reporting only includes a subset of metrics. DHHS selected this subset based on national recommendations because it would not be feasible for dialysis centers to report information on every dialysis event due to the burden of reporting through NHSN.
- Some procedures may be excluded from Standardized Infection Ratio (SIR) analysis and rate analysis due to incomplete information.
- The Surgical Site Infection (SSI) data presented in this report for the reporting year 2024 went through a reconciliation process. The New Hampshire Healthcare Associated Infections Program organized the data presented in this report, sent it via email, and gave dialysis centers one month to reconcile any discrepancies.
- The 2024 SSI data presented in this report has not been externally validated and must be interpreted with the understanding that in general there are both under-and-overreporting of infections.

Intravenous Antimicrobial Administration

An IV antimicrobial start time includes any instance in which a patient at a Dialysis Center begins receiving IV antibiotics or antifungals. Every start time must be reported, regardless of the reason the medication is given—regardless of it being related to a vascular access infection or not—and regardless of how long the treatment lasts. A "start" can be as minimal as a single outpatient dose or the first dose in a longer course of therapy. When patients transfer, reporting responsibilities follow them. If a patient begins IV antimicrobial treatment at one dialysis center and then transfers to another facility, either temporarily or permanently where the same treatment continues, the new facility must also report that IV antimicrobial start as part of its own records. To determine whether multiple treatments count as separate events, a 21-day rule is applied. There must be at least 21 days between the end of one course of IV

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antimicrobial therapy and the beginning of another for them to be considered two separate starts. This applies even if the medications used are different. If treatment is paused for fewer than 21 days and then restarted, it is still considered part of the original course rather than a new event, and it should not be reported again. [iv]

Influenza Vaccination Percentage Monitoring

All dialysis centers are required to report HCP vaccination aggregate data directly to DHHS via an online survey that is provided to facilities. See Appendix 2 for the 2024-2025 survey questions regarding influenza vaccination. Submission of these data meets the requirements of both the HAI law (RSA 151:32-35) and the healthcare immunization law (RSA 151:9-b).

HCP influenza vaccination percentages were calculated by dividing the total number of HCP that worked or volunteered in each facility for at least one working day between October 1, 2024, and March 31, 2025, by the total number of HCP immunized against influenza for the 2024-25 influenza season. Any HCP who claims medical, religious, or other exemption are not removed from the denominator data.

Limitations for influenza vaccination monitoring:

- The data collection tools ask for the total number of HCP vaccinated. This may not reflect the number of HCP to whom the vaccine was offered. Dialysis centers may vary in the refusal percentage for vaccination among HCP and the reasons for such refusal. Additionally, some HCP may not be eligible to receive the vaccine. DHHS attempted to assess why unvaccinated HCP did not receive the vaccine; however, not all dialysis centers were able to report this information.
- The web-based survey did not include options for facilities to report unknown vaccination status, patients and HCP with unknown vaccination status were analyzed as though they were not vaccinated. This results in a conservative estimate of vaccination status (e.g., lower than in reality).
- Vaccination status is not uniformly available by location where the vaccination was received (e.g., at the reporting facility or elsewhere).
- Data collection techniques at dialysis centers may vary from season to season, potentially affecting comparison of data. DHHS continues to work towards improving the validity and utility of this measure to eliminate issues that pose problems for such comparison.

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III. STATEWIDE DATA

HAI data are presented throughout this report as both SIR and rates as appropriate. Presenting data as a SIR allows for aggregating data across risk group, procedure, and healthcare facility to gain a better understanding of the incidence of HAI while still adjusting for underlying patient or healthcare facility factors that may affect the occurrence of infections. The SIR allows comparison between how many infections occurred and how many were predicted to occur based on national data. Specific rate information is also provided where possible, which represents the number of infections that occurred, considering the number of procedures that were performed. Rate data are limited by the requirement to only calculating rates that are broken down by certain factors. See technical notes for additional information on rates and the SIR.

Because a SIR is a comparison of the number of actual observed infections to the number predicted based on national data, a SIR of 1.0 means that the same number of infections were observed than were predicted. A SIR of less than one means that fewer infections were observed than were predicted (for example, SIR = 0.70 would be interpreted as 30% fewer infections observed than predicted). A SIR of more than one means that more infections were observed than were predicted (for example, SIR = 1.30 would be interpreted as 30% more infections observed than predicted). A confidence interval is calculated to determine whether the difference between observed and predicted infections is statistically significant. If the difference is not statistically significant, the observed and predicted numbers of infections are considered similar. See technical notes for additional information on confidence intervals.

This report provides comparisons with national and state data where appropriate. Comparisons are color coded consistently throughout. For infections, yellow represents infection rates or SIR that are similar to national data, red represents infection rates or SIR that are significantly higher than national data, and green represents infection rates or SIR that are significantly lower than national data.

SIR: fewer than predicted SIR: similar to predicted SIR: more than predicted

For process measures, yellow represents rates that are similar to the state percentage, red represents rates that are significantly lower than the state percentage, and green represents rates that are significantly higher than the state percentage.

higher than State similar to State lower than State

Statistical significance is affected by sample size. If a value is almost or just barely significant, just a few additional observations can push significance one way or the other (i.e., not significant or significant).

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Statewide Bloodstream Infection Rates

Table 1 below shows the number of BSI reported by dialysis centers in NH. In 2024, there were 405 Vascular Access Site Infections (VASI) reported by the 19 dialysis centers in NH. All 19 dialysis centers were licensed for the entire 2024 calendar year and were required to report these data. The infections represent Bloodstream Infection (BSI), Access-Related Bloodstream Infections (ARBSI), Local Access Site Infection (LASI), Vascular Access Infection (VAI) procedures. The overall state rate for VASI was higher when compared to the national rate.

Table 1. Statewide dialysis bloodstream infection rates, Jan 1–Dec 31, 2024

	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	State Rate Compared to National Rate
Overall State Infections	405	42,000	1.0	0.27	0.00	Higher
BSI	35	10,500	0.3	0.30	0.52	Similar
LASI	153	10,500	1.5	0.30	0.00	Higher
ARBSI	32	10,500	0.3	0.23	0.12	Similar
VAI	185	10,500	1.8	0.43	0.00	Higher

HAI: Healthcare-associated infection
BSI: Bloodstream Infection
ARBSI: Access-Related Bloodstream Infection
LASI: Local Access Site Infection
VAI: Vascular Access Site Infection

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Table 2. Statewide dialysis bloodstream infections, standardized infection ratio, Jan 1–Dec 31, 2024

Dialysis Name	Observed Infections	Predicted Infections	Standardized Infection Ratio (SIR)	P-Value	Dialysis SIR Compared to the State SIR
Central New Hampshire Kidney Center	1	6.13	0.16	0.49	Similar
Derry Dialysis	1	4.50	0.22	1.10	Similar
Fresenius Kidney Care Claremont	-	-	-	-	-
Fresenius Kidney Care Cocheco River	2	5.17	0.39	0.81	Similar
Fresenius Kidney Care Exeter	0	3.31	0.00	0.31	Similar
Fresenius Kidney Care of Nashua	0	3.49	0.00	0.30	Similar
Fresenius Kidney Care Strafford County	2	7.63	0.26	0.76	Similar
Fresenius Medical Care Lakes Region	0	1.87	0.00	0.52	Similar
Fresenius Medical Care Lancaster	0	4.61	0.00	0.20	Similar
Fresenius Medical Care Lebanon	3	9.30	0.32	0.96	Similar
Fresenius Medical Care Londonderry	1	2.25	0.44	0.74	Similar
Fresenius Medical Care Rockingham County	2	4.04	0.50	0.58	Similar
Fresenius Medical Care Southern NH	1	2.08	0.48	0.69	Similar
Manchester Dialysis	3	5.66	0.53	0.46	Similar
Manchester Kidney Center	0	7.27	0.00	0.08	Similar
Monadnock Dialysis Center	2	5.69	0.35	0.91	Similar
Mt Washington Valley Dialysis Center	0	2.34	0.00	0.45	Similar
Nashua Dialysis	9	10.08	0.89	0.01	Higher
New Hampshire Kidney Center	2	8.07	0.25	0.69	Similar
Seacoast Dialysis Center	6	6.40	0.94	0.04	Higher
State Total	**35**	**99.86**	**0.35**	-	

† Data are not shown for facilities with less than 1 predicted infections.
- Facility did not report any data contributing to SIR or Rates during this time period.

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Vascular Access Site Infection Rates

The statewide rate for infections following dialysis for patients was higher than national rates; statewide rate for infections for VASI were statistically significantly higher when compared to national rates (Table 3). One dialysis center had a lower rate when compared to national data and ten had a higher rate when compared to national data.

Table 3. Overall state rate of VASI by dialysis center, Jan 1–Dec 31, 2024

Dialysis Name	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	State Rate Compared to National Rate
Central New Hampshire Kidney Center	47	1,820	2.6	0.27	0.00	Higher
Derry Dialysis	21	1,876	1.1	0.27	0.00	Higher
Fresenius Kidney Care Claremont	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	6	2,564	0.2	0.27	0.77	Similar
Fresenius Kidney Care Exeter	4	1,968	0.2	0.27	0.61	Similar
Fresenius Kidney Care of Nashua	4	1,132	0.4	0.27	0.56	Similar
Fresenius Kidney Care Strafford County	26	3,112	0.8	0.27	0.00	Higher
Fresenius Medical Care Lakes Region	6	520	1.2	0.27	0.00	Higher
Fresenius Medical Care Lancaster	12	1,260	1.0	0.27	0.00	Higher
Fresenius Medical Care Lebanon	25	3,988	0.6	0.27	0.00	Higher
Fresenius Medical Care Londonderry	5	1,008	0.5	0.27	0.20	Similar
Fresenius Medical Care Rockingham County	10	2,008	0.5	0.27	0.07	Similar
Fresenius Medical Care Southern NH	3	1,388	0.2	0.27	0.76	Similar
Manchester Dialysis	27	2,244	1.2	0.27	0.00	Higher
Manchester Kidney Center	10	4,400	0.2	0.27	0.61	Similar
Monadnock Dialysis Center	10	2,276	0.4	0.27	0.14	Similar
Mt Washington Valley Dialysis Center	0	1,156	0.0	0.27	0.04	Lower
Nashua Dialysis	53	3,724	1.4	0.27	0.00	Higher
New Hampshire Kidney Center	92	2,780	3.3	0.27	0.00	Higher
Seacoast Dialysis Center	44	2,776	1.6	0.27	0.00	Higher
State Total	**405**	**42,000**	**1.0**	**0.27**	**0.00**	**Higher**

† Data are not shown for facilities reporting less than 50 patient months.
- Facility did not report any data contributing to SIR or Rates during this time period.

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Table 4. Bloodstream infection rates by dialysis center, Jan 1–Dec 31, 2024

Dialysis Name	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center	1	455	0.2	0.3	0.86	Similar
Derry Dialysis	1	469	0.2	0.3	0.83	Similar
Fresenius Kidney Care Claremont	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	2	641	0.3	0.3	0.88	Similar
Fresenius Kidney Care Exeter	0	492	0.0	0.3	0.23	Similar
Fresenius Kidney Care of Nashua	0	283	0.0	0.3	0.43	Similar
Fresenius Kidney Care Strafford County	2	778	0.3	0.3	0.91	Similar
Fresenius Medical Care Lakes Region	0	130	0.0	0.3	0.68	Similar
Fresenius Medical Care Lancaster	0	315	0.0	0.3	0.39	Similar
Fresenius Medical Care Lebanon	3	997	0.3	0.3	0.93	Similar
Fresenius Medical Care Londonderry	1	252	0.4	0.3	0.71	Similar
Fresenius Medical Care Rockingham County	2	502	0.4	0.3	0.64	Similar
Fresenius Medical Care Southern NH	1	347	0.3	0.3	1.00	Similar
Manchester Dialysis	3	561	0.5	0.3	0.33	Similar
Manchester Kidney Center	0	1,100	0.0	0.3	0.04	Lower
Monadnock Dialysis Center	2	569	0.4	0.3	0.76	Similar
Mt Washington Valley Dialysis Center	0	289	0.0	0.3	0.42	Similar
Nashua Dialysis	9	931	1.0	0.3	0.00	Higher
New Hampshire Kidney Center	2	695	0.3	0.3	1.00	Similar
Seacoast Dialysis Center	6	694	0.9	0.3	0.03	Higher
State Total	**35**	**10,500**	**0.3**	**0.3**	**0.52**	**Similar**

† Data are not shown for facilities reporting less than 50 patient months.
- Facility did not report any data contributing to SIR or Rates during this time period.

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Table 5. Bloodstream infection rates by access type and dialysis center, Jan 1– Dec 31, 2024

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center	Overall	1	455	0.2	0.3	0.86	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	164	0.0	0.1	0.82	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	258	0.4	0.8	0.50	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Derry Dialysis	Overall	1	469	0.2	0.3	0.83	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	291	0.0	0.1	0.71	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	172	0.6	0.8	0.84	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Claremont	Overall	-	-	-	-	-	-
	Buttonhole	-	-	-	-	-	-
	Fistula	-	-	-	-	-	-
	Graft	-	-	-	-	-	-
	Tunneled Central Line	-	-	-	-	-	-
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	Overall	2	641	0.3	0.3	0.88	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	1	302	0.3	0.1	0.35	Similar
	Graft	0	166	0.0	0.2	0.69	Similar
	Tunneled Central Line	1	173	0.6	0.8	0.83	Similar

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Exeter	Overall	0	492	0.0	0.3	0.23	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	294	0.0	0.1	0.71	Similar
	Graft	0	98	0.0	0.2	0.80	Similar
	Tunneled Central Line	0	100	0.0	0.8	0.44	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care of Nashua	Overall	0	283	0.0	0.3	0.43	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	138	0.0	0.1	0.85	Similar
	Graft	-	-	-	-	-	-
	Tunneled Central Line	0	145	0.0	0.8	0.31	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Strafford County	Overall	2	778	0.3	0.3	0.91	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	352	0.0	0.1	0.66	Similar
	Graft	0	138	0.0	0.2	0.74	Similar
	Tunneled Central Line	2	285	0.7	0.8	0.92	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Lakes Region	Overall	0	130	0.0	0.3	0.68	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	†	†	†	†	†	†
	Graft	†	†	†	†	†	†
	Tunneled Central	0	80	0.0	0.8	0.52	Similar

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Line						
	Non-tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Lancaster	Overall	0	315	0.0	0.3	0.39	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	0	94	0.0	0.1	0.90	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	0	198	0.0	0.8	0.20	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Lebanon	Overall	3	997	0.3	0.3	0.93	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	552	0.0	0.1	0.52	Similar
	Graft	0	99	0.0	0.2	0.80	Similar
	Tunneled Central Line	3	346	0.9	0.8	0.85	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Londonderry	Overall	1	252	0.4	0.3	0.71	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	152	0.0	0.1	0.12	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	83	1.2	0.8	0.64	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Rockingham County	Overall	2	502	0.4	0.3	0.64	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	1	322	0.3	0.1	0.37	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	141	0.7	0.8	1.00	Similar

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Southern NH	Overall	1	347	0.3	0.3	1.00	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	242	0.0	0.1	0.75	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	59	1.7	0.8	0.47	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Manchester Dialysis	Overall	3	561	0.5	0.3	0.33	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	327	0.0	0.1	0.68	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	3	220	1.4	0.8	0.37	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Manchester Kidney Center	Overall	0	1,100	0.0	0.3	0.04	Lower
	Buttonhole	†	†	†	†	†	†
	Fistula	0	747	0.0	0.1	0.41	Similar
	Graft	0	130	0.0	0.2	0.75	Similar
	Tunneled Central Line	0	223	0.0	0.8	0.16	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Monadnock Dialysis Center	Overall	2	569	0.4	0.3	0.76	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	0	282	0.0	0.1	0.72	Similar
	Graft	0	70	0.0	0.2	0.86	Similar
	Tunneled Central Line	2	217	0.9	0.8	0.79	Similar
	Non tunneled Central Line	-	-	-	-	-	-

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Other Access	-	-	-	-	-	-
Mt Washington Valley Dialysis Center	Overall	0	289	0.0	0.3	0.42	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	186	0.0	0.1	0.80	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	0	82	0.0	0.8	0.51	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Nashua Dialysis	Overall	9	931	1.0	0.3	0.00	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	3	503	0.6	0.1	0.03	Higher
	Graft	†	†	†	†	†	†
	Tunneled Central Line	5	401	1.3	0.8	0.34	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
New Hampshire Kidney Center	Overall	2	695	0.3	0.3	1.00	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	0	329	0.0	0.1	0.68	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	2	327	0.6	0.8	0.76	Similar
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Seacoast Dialysis Center	Overall	6	694	0.9	0.3	0.03	Higher
	Buttonhole	†	†	†	†	†	†
	Fistula	0	308	0.0	0.1	0.70	Similar
	Graft	0	155	0.0	0.2	0.71	Similar
	Tunneled Central Line	6	231	2.6	0.8	0.02	Higher
	Non tunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-

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† Data are not shown for facilities reporting less than 50 patient months.
- Facility did not report any data contributing to SIR or Rates during this time period.

Table 6. Local access site infection rates by dialysis, Jan 1– Dec 31, 2024

Dialysis Name	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center	22	455	4.8	0.3	0.00	Higher
Derry Dialysis	9	469	1.9	0.3	0.00	Higher
Fresenius Kidney Care Claremont	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	1	641	0.2	0.3	0.58	Similar
Fresenius Kidney Care Exeter	2	492	0.4	0.3	0.61	Similar
Fresenius Kidney Care of Nashua	2	283	0.7	0.3	0.26	Similar
Fresenius Kidney Care Strafford County	10	778	1.3	0.3	0.00	Higher
Fresenius Medical Care Lakes Region	3	130	2.3	0.3	0.01	Higher
Fresenius Medical Care Lancaster	6	315	1.9	0.3	0.00	Higher
Fresenius Medical Care Lebanon	8	997	0.8	0.3	0.02	Higher
Fresenius Medical Care Londonderry	1	252	0.4	0.3	0.70	Similar
Fresenius Medical Care Rockingham County	2	502	0.4	0.3	0.63	Similar
Fresenius Medical Care Southern NH	1	347	0.3	0.3	1.00	Similar
Manchester Dialysis	9	561	1.6	0.3	0.00	Higher
Manchester Kidney Center	5	1,100	0.5	0.3	0.35	Similar
Monadnock Dialysis Center	2	569	0.4	0.3	0.74	Similar
Mt Washington Valley Dialysis Center	0	289	0.0	0.3	0.42	Similar
Nashua Dialysis	13	931	1.4	0.3	0.00	Higher
New Hampshire Kidney Center	43	695	6.2	0.3	0.00	Higher
Seacoast Dialysis Center	14	694	2.0	0.3	0.00	Higher
State Total	**153**	**10,500**	**1.5**	**0.3**	**0.00**	**Higher**

† Data are not shown for facilities reporting less than 50 patient months.
- Facility did not report any data contributing to SIR or Rates during this time period.

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Table 7. Local access site infection rates by access type and dialysis center, Jan 1– Dec 31, 2024

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center LLC	All	22	455	4.8	0.3	0	Higher
	Button	†	†	†	†	†	†
	Fistula	0	164	0	0.1	0.85	Similar
	Graft	†	†	†	†	†	†
	Tunneled CL	22	258	8.5	0.9	0	Higher
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Derry Dialysis	All	9	469	1.9	0.3	0	Higher
	Button	†	†	†	†	†	†
	Fistula	3	291	1.0	0.1	0.00	Higher
	Graft	†	†	†	†	†	†
	Tunneled CL	6	172	3.5	0.90	0.01	Higher
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
FMC Dialysis Services Exeter	All	2	492	0.4	0.3	0.61	Similar
	Button	†	†	†	†	†	†
	Fistula	1	294	0.3	0.1	0.30	Similar
	Graft	0	98	0	0.2	0.85	Similar
	Tunneled CL	1	100	1.0	0.9	0.81	Similar
	Nontunneled	†	†	†	†	†	†

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	CL						
	Other Access	†	†	†	†	†	†
FMC Strafford County Dialysis	All	10	778	1.3	0.3	0.00	Higher
	Button	†	†	†	†	†	†
	Fistula	0	352	0	0.1	0.70	Similar
	Graft	3	138	2.2	0.2	0.00	Higher
	Tunneled CL	7	285	2.5	0.9	0.02	Higher
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Fresenius Kidney Care Claremont	All	-	-	-	-	-	-
	Button	-	-	-	-	-	-
	Fistula	-	-	-	-	-	-
	Graft	-	-	-	-	-	-
	Tunneled CL	-	-	-	-	-	-
	Nontunneled CL	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Lakes Region	All	3	130	2.3	0.3	0.01	Higher
	Button	†	†	†	†	†	†
	Fistula	†	†	†	†	†	†
	Graft	†	†	†	†	†	†
	Tunneled CL	3	80	3.8	0.9	0.04	Higher
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Fresenius Kidney Care Of Nashua	All	2	283	0.7	0.3	0.26	Similar
	Button	†	†	†	†	†	†

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Fistula	0	138	0	0.1	0.87	Similar
	Graft	†	†	†	†	†	†
	Tunneled CL	2	145	1.4	0.9	0.51	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Cocheco River	All	1	641	0.2	0.3	0.58	Similar
	Button	†	†	†	†	†	†
	Fistula	0	302	0	0.1	0.73	Similar
	Graft	0	166	0	0.2	0.76	Similar
	Tunneled CL	1	173	0.6	0.9	0.76	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Lebanon	All	8	997	0.8	0.3	0.01	Higher
	Button	†	†	†	†	†	†
	Fistula	3	552	0.5	0.1	0.02	Higher
	Graft	0	99	0	0.2	0.85	Similar
	Tunneled CL	5	346	1.4	0.9	0.29	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Of Lancaster	All	6	315	1.9	0.3	0.00	Higher
	Button	†	†	†	†	†	†
	Fistula	0	94	0	0.1	0.91	Similar
	Graft	†	†	†	†	†	†
	Tunneled CL	6	198	3.0	0.9	0.01	Higher
	Nontunneled CL	†	†	†	†	†	†

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Of Londonderry	All	1	252	0.4	0.3	0.70	Similar
	Button	†	†	†	†	†	†
	Fistula	0	152	0	0.1	0.86	Similar
	Graft	†	†	†	†	†	†
	Tunneled CL	1	83	1.2	0.9	0.69	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Of Southern NH	All	1	347	0.3	0.3	1	Similar
	Button	†	†	†	†	†	†
	Fistula	0	242	0	0.1	0.78	Similar
	Graft	†	†	†	†	†	†
	Tunneled CL	1	59	1.7	0.9	0.50	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Rockingham County	All	2	502	0.4	0.3	0.63	Similar
	Button	†	†	†	†	†	†
	Fistula	1	322	0.3	0.1	0.32	Similar
	Graft	†	†	†	†	†	†
	Tunneled CL	1	141	0.7	0.9	0.93	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Manchester Dialysis	All	9	561	1.6	0.3	0.00	Higher
	Button	†	†	†	†	†	†
	Fistula	1	327	0.3	0.1	0.33	Similar

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Graft	†	†	†	†	†	†
	Tunneled CL	8	220	3.6	0.9	0.00	Higher
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Manchester Kidney Center	All	5	1100	0.5	0.3	0.35	Similar
	Button	†	†	†	†	†	†
	Fistula	1	747	0.1	0.1	0.71	Similar
	Graft	0	130	0	0.3	0.81	Similar
	Tunneled CL	4	223	1.8	0.9	0.19	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Monadnock Dialysis Center	All	2	569	0.4	0.3	0.74	Similar
	Button	†	†	†	†	†	†
	Fistula	0	282	0	0.1	0.75	Similar
	Graft	0	70	0	0.2	0.89	Similar
	Tunneled CL	2	217	0.9	0.9	0.87	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Mt Washington Valley Dialysis Center	All	0	289	0	0.3	0.42	Similar
	Button	†	†	†	†	†	†
	Fistula	0	186	0	0.1	0.83	Similar
	Graft	†	†	†	†	†	†
	Tunneled CL	0	82	0	0.9	0.48	Similar
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Nashua Dialysis	All	13	931	1.4	0.3	0	Higher
	Button	†	†	†	†	†	†
	Fistula	1	503	0.2	0.1	0.50	Similar
	Graft	†	†	†	†	†	†
	Tunneled CL	12	401	3.0	0.9	0.00	Higher
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
New Hampshire Kidney Center	All	43	695	6.2	0.3	0	Higher
	Button	†	†	†	†	†	†
	Fistula	7	329	2.1	0.1	0	Higher
	Graft	†	†	†	†	†	†
	Tunneled CL	34	327	10.4	0.9	0	Higher
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†
Seacoast Dialysis Center	All	14	694	2.0	0.3	0	Higher
	Button	†	†	†	†	†	†
	Fistula	0	308	0	0.1	0.73	Similar
	Graft	0	155	0	0.2	0.77	Similar
	Tunneled CL	14	231	6.0	0.9	0	Higher
	Nontunneled CL	†	†	†	†	†	†
	Other Access	†	†	†	†	†	†

† Data are not shown for facilities reporting less than 50 patient months.
- Facility did not report any data contributing to SIR or Rates during this time period.

Table 8. Access related bloodstream infection rate by dialysis center, Jan 1– Dec 31, 2024

Dialysis Name	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center	1	455	0.2	0.2	1.00	Similar
Derry Dialysis	1	469	0.2	0.2	1.00	Similar
Fresenius Kidney Care Claremont	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	1	641	0.2	0.2	0.80	Similar
Fresenius Kidney Care Exeter	0	492	0.0	0.2	0.32	Similar
Fresenius Kidney Care of Nashua	0	283	0.0	0.2	0.52	Similar
Fresenius Kidney Care Strafford County	2	778	0.3	0.2	0.80	Similar
Fresenius Medical Care Lakes Region	0	130	0.0	0.2	0.74	Similar
Fresenius Medical Care Lancaster	0	315	0.0	0.2	0.49	Similar
Fresenius Medical Care Lebanon	3	997	0.3	0.2	0.60	Similar
Fresenius Medical Care Londonderry	1	252	0.4	0.2	0.56	Similar
Fresenius Medical Care Rockingham County	2	502	0.4	0.2	0.43	Similar
Fresenius Medical Care Southern NH	0	347	0.0	0.2	0.45	Similar
Manchester Dialysis	3	561	0.5	0.2	0.18	Similar
Manchester Kidney Center	0	1,100	0.0	0.2	0.08	Similar
Monadnock Dialysis Center	2	569	0.4	0.2	0.52	Similar
Mt Washington Valley Dialysis Center	0	289	0.0	0.2	0.51	Similar
Nashua Dialysis	9	931	1.0	0.2	0.00	Higher
New Hampshire Kidney Center	2	695	0.3	0.2	0.69	Similar
Seacoast Dialysis Center	5	694	0.7	0.2	0.03	Higher
State Total	**32**	**10,500**	**0.3**	**0.2**	**0.12**	**Similar**

† Data are not shown for facilities reporting less than 50 patient months.
- Facility did not report any data contributing to SIR or Rates during this time period.

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Table 9. Access related bloodstream infection rate by type and dialysis center, Jan 1– Dec 31, 2024

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center	Overall	1	455	0.2	0.2	1.00	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	164	0.0	0.1	0.90	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	258	0.4	0.7	0.65	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Derry Dialysis	Overall	1	469	0.2	0.2	1.00	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	291	0.0	0.1	0.82	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	172	0.6	0.7	0.98	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Claremont	Overall	-	-	-	-	-	-
	Buttonhole	-	-	-	-	-	-
	Fistula	-	-	-	-	-	-
	Graft	-	-	-	-	-	-
	Tunneled Central Line	-	-	-	-	-	-
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	Overall	1	641	0.2	0.2	0.80	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	302	0.0	0.1	0.82	Similar
	Graft	0	166	0.0	0.2	0.76	Similar

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Tunneled Central Line	1	173	0.6	0.7	0.98	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Exeter	Overall	0	492	0.0	0.2	0.32	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	294	0.0	0.1	0.82	Similar
	Graft	0	98	0.0	0.2	0.85	Similar
	Tunneled Central Line	1	100	0.0	0.7	0.51	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care of Nashua	Overall	0	283	0.0	0.2	0.52	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	138	0.0	0.1	0.91	Similar
	Graft	-	-	-	-	-	-
	Tunneled Central Line	0	145	0.0	0.7	0.37	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Strafford County	Overall	2	778	0.3	0.2	0.80	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	352	0.0	0.1	0.79	Similar
	Graft	0	138	0.0	0.2	0.80	Similar
	Tunneled Central Line	2	285	0.7	0.7	0.89	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Lakes Region	Overall	0	130	0.0	0.2	0.74	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	†	†	†	†	†	†
	Graft	†	†	†	†	†	†
	Tunneled Central Line	0	80	0.0	0.7	0.58	Similar

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Lancaster	Overall	0	315	0.0	0.2	0.49	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	0	94	0.0	0.1	0.94	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	0	198	0.0	0.7	0.26	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Lebanon	Overall	3	997	0.3	0.2	0.60	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	552	0.0	0.1	0.69	Similar
	Graft	0	99	0.0	0.2	0.85	Similar
	Tunneled Central Line	3	346	0.9	0.7	0.63	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Londonderry	Overall	1	252	0.4	0.2	0.56	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	152	0.0	0.1	0.90	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	83	1.2	0.7	0.54	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Rockingham County	Overall	2	502	0.4	0.2	0.43	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	1	322	0.3	0.1	0.22	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	141	0.7	0.7	0.87	Similar
	Nontunneled Central Line	-	-	-	-	-	-

Advanced Copy

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Southern NH	Overall	0	347	0.0	0.2	0.45	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	242	0.0	0.1	0.85	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	0	59	0.0	0.7	0.67	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Manchester Dialysis	Overall	3	561	0.5	0.2	0.18	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	327	0.0	0.1	0.80	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	3	220	1.4	0.7	0.26	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Manchester Kidney Center	Overall	0	1,100	0.0	0.2	0.08	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	0	747	0.0	0.1	0.60	Similar
	Graft	0	130	0.0	0.2	0.81	Similar
	Tunneled Central Line	0	223	0.0	0.7	0.22	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Monadnock Dialysis Center	Overall	2	569	0.4	0.2	0.52	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	0	282	0.0	0.1	0.83	Similar
	Graft	0	70	0.0	0.2	0.89	Similar
	Tunneled Central Line	2	217	0.9	0.7	0.62	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Mt Washington Valley Dialysis Center	Overall	0	289	0.0	0.2	0.51	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	186	0.0	0.1	0.88	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	0	82	0.0	0.7	0.57	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Nashua Dialysis	Overall	9	931	1.0	0.2	0.00	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	3	503	0.6	0.1	0.01	Higher
	Graft	†	†	†	†	†	†
	Tunneled Central Line	5	401	1.3	0.7	0.20	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
New Hampshire Kidney Center	Overall	2	695	0.3	0.2	0.69	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	0	329	0.0	0.1	0.80	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	2	327	0.6	0.7	0.96	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Seacoast Dialysis Center	Overall	5	694	0.7	0.2	0.03	Higher
	Buttonhole	†	†	†	†	†	†
	Fistula	0	308	0.0	0.1	0.81	Similar
	Graft	0	155	0.0	0.2	0.77	Similar
	Tunneled Central Line	5	231	2.2	0.7	0.03	Higher
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-

† Data are not shown for facilities reporting less than 50 patient months.

- Facility did not report any data contributing to SIR or Rates during this time period.

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Table 10. Vascular access infection rate by dialysis center, Jan 1– Dec 31, 2024

Dialysis Name	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center	23	455	5.1	0.4	0.00	Higher
Derry Dialysis	10	469	2.1	0.4	0.00	Higher
Fresenius Kidney Care Claremont	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	2	641	0.3	0.4	0.72	Similar
Fresenius Kidney Care Exeter	2	492	0.4	0.4	1.00	Similar
Fresenius Kidney Care of Nashua	2	283	0.7	0.4	0.47	Similar
Fresenius Kidney Care Strafford County	12	778	1.5	0.4	0.00	Higher
Fresenius Medical Care Lakes Region	3	130	2.3	0.4	0.02	Higher
Fresenius Medical Care Lancaster	6	315	1.9	0.4	0.00	Higher
Fresenius Medical Care Lebanon	11	997	1.1	0.4	0.01	Higher
Fresenius Medical Care Londonderry	2	252	0.8	0.4	0.39	Similar
Fresenius Medical Care Rockingham County	4	502	0.8	0.4	0.24	Similar
Fresenius Medical Care Southern NH	1	347	0.3	0.4	0.79	Similar
Manchester Dialysis	12	561	2.1	0.4	0.00	Higher
Manchester Kidney Center	5	1,100	0.5	0.4	0.84	Similar
Monadnock Dialysis Center	4	569	0.7	0.4	0.33	Similar
Mt Washington Valley Dialysis Center	0	289	0.0	0.4	0.29	Similar
Nashua Dialysis	22	931	2.4	0.4	0.00	Higher
New Hampshire Kidney Center	45	695	6.5	0.4	0.00	Higher
Seacoast Dialysis Center	19	694	2.7	0.4	0.00	Higher
State Total	**185**	**10,500**	**1.8**	**0.4**	**0.00**	**Higher**

† Data are not shown for facilities reporting less than 50 patient months.

- Facility did not report any data contributing to SIR or Rates during this time period.

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Table 11. Vascular access infection rate by access type and dialysis center, Jan 1– Dec 31, 2024

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center	Overall	23	455	5.1	0.4	0.00	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	0	164	0.0	0.1	0.80	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	23	258	8.9	1.3	0.00	Higher
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Derry Dialysis	Overall	10	469	2.1	0.4	0.00	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	3	291	1.0	0.1	0.01	Higher
	Graft	†	†	†	†	†	†
	Tunneled Central Line	7	172	4.1	1.3	0.01	Higher
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Claremont	Overall	-	-	-	-	-	-
	Buttonhole	-	-	-	-	-	-
	Fistula	-	-	-	-	-	-
	Graft	-	-	-	-	-	-
	Tunneled Central Line	-	-	-	-	-	-
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	Overall	2	641	0.3	0.4	0.72	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	302	0.0	0.1	0.66	Similar
	Graft	0	166	0.0	0.3	0.65	Similar
	Tunneled Central Line	2	173	1.2	1.3	1.00	Similar
	Nontunneled Central Line	-	-	-	-	-	-

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Exeter	Overall	2	492	0.4	0.4	1.00	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	1	294	0.3	0.1	0.40	Similar
	Graft	0	98	0.0	0.3	0.78	Similar
	Tunneled Central Line	1	100	1.0	1.3	0.91	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care of Nashua	Overall	2	283	0.7	0.4	0.47	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	138	0.0	0.1	0.82	Similar
	Graft	-	-	-	-	-	-
	Tunneled Central Line	2	145	1.4	1.3	0.84	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Kidney Care Strafford County	Overall	12	778	1.5	0.4	0.00	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	0	352	0.0	0.1	0.61	Similar
	Graft	3	138	2.2	0.3	0.01	Higher
	Tunneled Central Line	9	285	3.2	1.3	0.02	Higher
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	†	†	†	†	†	†
Fresenius Medical Care Lakes Region	Overall	3	130	2.3	0.4	0.02	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	†	†	†	†	†	†
	Graft	†	†	†	†	†	†
	Tunneled Central Line	3	80	3.8	1.3	0.11	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-

Advanced Copy

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Fresenius Medical Care Lancaster	Overall	6	315	1.9	0.4	0.00	Higher
	Buttonhole	†	†	†	†	†	†
	Fistula	0	94	0.0	0.1	0.88	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	6	198	3.0	1.3	0.06	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Lebanon	Overall	11	997	1.1	0.4	0.01	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	3	552	0.5	0.1	0.05	Similar
	Graft	0	99	0.0	0.3	0.78	Similar
	Tunneled Central Line	8	346	2.3	1.3	0.12	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Londonderry	Overall	2	252	0.8	0.4	0.39	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	0	152	0.0	0.1	0.81	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	2	83	2.4	1.3	0.38	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care Rockingham County	Overall	4	502	0.8	0.4	0.24	Similar
	Buttonhole	-	-	-	-	-	-
	Fistula	2	322	0.6	0.1	0.09	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	2	141	1.4	1.3	0.81	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Fresenius Medical Care	Overall	1	347	0.3	0.4	0.79	Similar

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Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Southern NH	Buttonhole	-	-	-	-	-	-
	Fistula	0	242	0.0	0.1	0.71	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	1	59	1.7	1.3	0.71	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Manchester Dialysis	Overall	12	561	2.1	0.4	0.00	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	1	327	0.3	0.1	0.45	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	11	220	5.0	1.3	0.00	Higher
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Manchester Kidney Center	Overall	5	1,100	0.5	0.4	0.84	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	1	747	0.1	0.1	1.00	Similar
	Graft	0	130	0.0	0.3	0.72	Similar
	Tunneled Central Line	4	223	1.8	1.3	0.48	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Monadnock Dialysis Center	Overall	4	569	0.7	0.4	0.33	Similar
	Buttonhole	†	†	†	†	†	†
	Fistula	0	282	0.0	0.1	0.67	Similar
	Graft	0	70	0.0	0.3	0.84	Similar
	Tunneled Central Line	4	217	1.8	1.3	0.45	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Mt Washington Valley Dialysis Center	Overall	0	289	0.0	0.4	0.29	Similar
	Buttonhole	-	-	-	-	-	-

Advanced Copy

Dialysis Name	Access Type	Observed Infections	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
	Fistula	0	186	0.0	0.1	0.77	Similar
	Graft	†	†	†	†	†	†
	Tunneled Central Line	0	82	0.0	1.3	0.35	Similar
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Nashua Dialysis	Overall	22	931	2.4	0.4	0.00	Higher
	Buttonhole	-	-	-	-	-	-
	Fistula	4	503	0.8	0.1	0.01	Higher
	Graft	†	†	†	†	†	†
	Tunneled Central Line	17	401	4.2	1.3	0.00	Higher
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
New Hampshire Kidney Center	Overall	45	695	6.5	0.4	0.00	Higher
	Buttonhole	†	†	†	†	†	†
	Fistula	7	329	2.1	0.1	0.00	Higher
	Graft	†	†	†	†	†	†
	Tunneled Central Line	36	327	11.0	1.3	0.00	Higher
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-
Seacoast Dialysis Center	Overall	19	694	2.7	0.4	0.00	Higher
	Buttonhole	†	†	†	†	†	†
	Fistula	0	308	0.0	0.1	0.69	Similar
	Graft	0	155	0.0	0.3	0.67	Similar
	Tunneled Central Line	19	231	8.2	1.3	0.00	Higher
	Nontunneled Central Line	-	-	-	-	-	-
	Other Access	-	-	-	-	-	-

† Data are not shown for facilities reporting less than 50 patient months.

- Facility did not report any data contributing to SIR or Rates during this time period.

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Table 12. Rate of intravenous antimicrobial starts per patient months, Jan 1- Dec 31, 2024

Dialysis Name	Number of IV Antimicrobial Starts	Patient Months	Dialysis Rate	National Rate	P-Value	Dialysis Rate Compared to National Rate
Central New Hampshire Kidney Center	33	455	7.3	2.0	0.00	Higher
Derry Dialysis	16	469	3.4	2.0	0.05	Higher
Fresenius Kidney Care Claremont	-	-	-	-	-	-
Fresenius Kidney Care Cocheco River	17	641	2.7	2.0	0.26	Similar
Fresenius Kidney Care Exeter	10	492	2.0	2.0	0.93	Similar
Fresenius Kidney Care of Nashua	5	283	1.8	2.0	0.82	Similar
Fresenius Kidney Care Strafford County	22	778	2.8	2.0	0.12	Similar
Fresenius Medical Care Lakes Region	3	130	2.3	2.0	0.75	Similar
Fresenius Medical Care Lancaster	2	315	0.6	2.0	0.06	Similar
Fresenius Medical Care Lebanon	28	997	2.8	2.0	0.09	Similar
Fresenius Medical Care Londonderry	4	252	1.6	2.0	0.68	Similar
Fresenius Medical Care Rockingham County	15	502	3.0	2.0	0.14	Similar
Fresenius Medical Care Southern NH	5	347	1.4	2.0	0.48	Similar
Manchester Dialysis	15	561	2.7	2.0	0.28	Similar
Manchester Kidney Center	13	1,100	1.2	2.0	0.04	Lower
Monadnock Dialysis Center	7	569	1.2	2.0	0.18	Similar
Mt Washington Valley Dialysis Center	2	289	0.7	2.0	0.09	Similar
Nashua Dialysis	35	931	3.8	2.0	0.00	Higher
New Hampshire Kidney Center	36	695	5.2	2.0	0.00	Higher
Seacoast Dialysis Center	27	694	3.9	2.0	0.00	Higher

† Data are not shown for facilities reporting less than 50 patient months.
- Facility did not report any data contributing to SIR or Rates during this time period.

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Influenza Vaccination Percentages

Table 13 below shows the total number of HCP and the number of HCP vaccinated against seasonal influenza at each dialysis center during the 2024-25 influenza season. Vaccination coverage by dialysis centers ranged from 38.9% to 90.9%, and the overall state vaccination percentage was 68.0% (Table 13). The analysis presented in Table 13 shows that one dialysis center reported vaccination percentages that were significantly lower than the overall state vaccination percentage, one dialysis center reported vaccination percentages that were significantly higher than the overall state vaccination percentage, and eleven dialysis centers reported vaccination percentages similar to the overall state vaccination percentage. Five dialysis centers are not included in this table due to not having viable data, not reporting, or other exclusionary criteria.

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Table 13. Influenza vaccination percentages for dialysis HCP by dialysis, 2024-25 influenza season, Oct 1, 2024–Mar 31, 2025

Dialysis Name	HCP Vaccinated	Total HCP	% HCP Vaccinated	P-Value	Dialysis % Compared to State %
Central New Hampshire Kidney Center	-	-	-	-	-
Derry Dialysis	-	-	-	-	-
Fresenius Kidney Care Claremont	-	-	-	-	-
Fresenius Kidney Care Cocheco River	22	26	84.6	0.06	Similar
Fresenius Kidney Care Exeter	12	21	57.1	0.30	Similar
Fresenius Kidney Care of Nashua	13	24	54.2	0.16	Similar
Fresenius Kidney Care Strafford County	20	28	71.4	0.72	Similar
Fresenius Medical Care Lakes Region	†	†	†	†	†
Fresenius Medical Care Lancaster	†	†	†	†	†
Fresenius Medical Care Lebanon	24	33	72.7	0.58	Similar
Fresenius Medical Care Londonderry	16	28	57.1	0.23	Similar
Fresenius Medical Care Rockingham County	25	45	55.6	0.08	Similar
Fresenius Medical Care Southern NH	19	27	70.4	0.81	Similar
Manchester Dialysis	-	-	-	-	-
Manchester Kidney Center	35	50	70.0	0.78	Similar
Monadnock Dialysis Center	30	33	90.9	0.00	Higher
Mt Washington Valley Dialysis Center	12	20	60.0	0.45	Similar
Nashua Dialysis	-	-	-	-	-
New Hampshire Kidney Center	28	35	80.0	0.13	Similar
Seacoast Dialysis Center	14	36	38.9	0.00	Lower
State Total	**298**	**438**	**68.0**	**-**	

† Data are not shown for facilities reporting less than 20 total healthcare personnel.
- Facility did not report any data contributing to SIR or Rates during this time period.

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Influenza Vaccination Percentages: Comparison to 2023-24 Data

The overall statewide dialysis center HCP vaccination percentage was similar between the 2023-24 and 2024-25 influenza seasons (see Table 14). The analysis presented in Table 14 shows that, overall, eight dialysis centers had similar HCP influenza vaccination rate in the 2023-24 influenza season compared to the 2024-25 influenza season. Seven dialysis centers could not be compared.

Table 14. Influenza vaccination percentages for dialysis healthcare personnel by dialysis, comparison between 2023-24 and 2024-25 influenza seasons

Dialysis Name	% HCP Vaccinated 2023-2024	% HCP Vaccinated 2024-2025	P-Value	2023-2024 Compared to 2024-2025
Central New Hampshire Kidney Center	-	-	-	-
Derry Dialysis	-	-	-	-
Fresenius Kidney Care Claremont	-	-	-	-
Fresenius Kidney Care Cocheco River	63.5	84.6	0.02	Higher
Fresenius Kidney Care Exeter	37.5	57.1	0.07	Similar
Fresenius Kidney Care of Nashua	82.8	54.2	0.00	Lower
Fresenius Kidney Care Strafford County	56.9	71.4	0.12	Similar
Fresenius Medical Care Lakes Region	-	†	†	-
Fresenius Medical Care Lancaster	41.7	†	†	-
Fresenius Medical Care Lebanon	63.8	72.7	0.29	Similar
Fresenius Medical Care Londonderry	40.5	57.1	0.08	Similar
Fresenius Medical Care Rockingham County	46.9	55.6	0.25	Similar
Fresenius Medical Care Southern NH	61.0	70.4	0.33	Similar
Manchester Dialysis	81.0	-	-	-
Manchester Kidney Center	46.3	70.0	0.00	Higher
Monadnock Dialysis Center	70.5	90.9	0.01	Higher
Mt Washington Valley Dialysis Center	42.9	60.0	0.13	Similar
Nashua Dialysis	-	-	-	-
New Hampshire Kidney Center	63.0	80.0	0.03	Higher
Seacoast Dialysis Center	27.4	38.9	0.14	Similar
State Total	**54.8**	**68.0**	**0.00**	**Higher**

† Data are not shown for facilities reporting less than 20 total healthcare personnel.
- Facility did not report any data contributing to SIR or Rates during this time period.

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Influenza Vaccination Policies for Healthcare Personnel

During the 2024-25 influenza season, 80% of dialysis centers reported having a HCP vaccination policy in place (Table 15). Among the dialysis centers with a policy, none allowed for only medical and religious exemptions, and ten allowed for medical, religious, and personal/ philosophical exemptions, and one allowed for medical only exemption. Five dialysis centers do not allow exemptions for HCP influenza vaccination. Sixteen dialysis centers required unvaccinated HCP with an approved exemption to wear a mask, one stated that unvaccinated HCP without an acceptable reason for exemption would be subject to progressive discipline, potentially including termination.

Table 15. Influenza vaccination policies and consequences for healthcare personnel by dialysis, 2024-25 influenza season

Dialysis Name	Exemptions Allowed in Policy*	Requirements for Unvaccinated HCP with Accepted Exemption	Consequences for Unvaccinated HCP without Accepted Exemption
Fresenius Kidney Care Claremont	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Fresenius Kidney Care Cocheco River	Other	Wear a mask	Wear a mask
Fresenius Kidney Care Exeter	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Fresenius Kidney Care of Nashua	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education; Other
Fresenius Kidney Care Strafford County	Other	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Fresenius Medical Care Lakes Region	Medical; Personal/Philosophical	Wear a mask	Wear a mask
Fresenius Medical Care Lancaster	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Fresenius Medical Care Lebanon	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Fresenius Medical Care Londonderry	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Fresenius Medical Care Rockingham County	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Fresenius Medical Care Southern NH	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Manchester Kidney Center	Medical	Wear a mask	Progressive discipline, potentially including termination

Advanced Copy

Monadnock Dialysis Center	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Mt Washington Valley Dialysis Center	Medical; Personal/Philosophical	Wear a mask	Wear a mask
New Hampshire Kidney Center	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Seacoast Dialysis Center	Medical; Other	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education

* Exemptions include Medical, Religious, Personal/philosophical, and Other.

IV. CONCLUSIONS

This third report of dialysis center HAI data is an important part of continuing progress toward the goal of eliminating HAI in NH. This report provides a picture of selected HAI data, which can be used by healthcare facilities in the state to identify areas for improvement and prevention as well as healthcare consumers to make informed healthcare decisions.

Key findings described in this report include the following:

- Compliance in reporting in accordance with (RSA) 151:32-35 was similar to previous reporting years.
- NH dialysis centers reported higher infection rates for Bloodstream Infections as predicted based on national data.
- Vaccination coverage by dialysis center during the 2024-25 influenza season ranged from 38.9% to 90.9%. The overall state percentage was 68.0%, which is higher than the 2023-24 influenza season when the statewide vaccination rate was 54.8%.
- HAI is actively working to build systems to perform external data validation using CDC methods for future reports.
- HAI is expecting to expand this dialysis report as methods evolve.

While this report only includes information on a subset of HAI, the information provided can be used as an important indicator of healthcare quality and infection prevention efforts in NH dialysis centers.

V. DIALYSIS CENTER INDIVIDUAL REPORTS

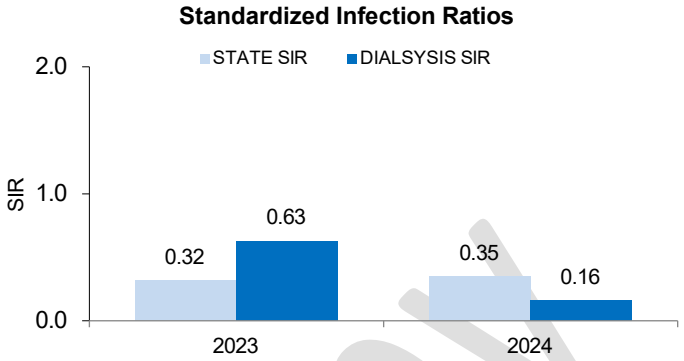
Because data must be broken down into categories for risk adjustment and because rates must be suppressed if data are too sparse, data that can be presented for NH facilities may be limited. Due to restrictions on presenting data, there are several dialysis centers for which facility-specific infections data for specific measures cannot be presented. See technical notes for additional information on data restriction and presentation.

Advanced Copy



CENTRAL NH KIDNEY CENTER
Laconia, NH
Private
Group Data: Unavailable
# of Stations: 21

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
47	1,820	2.6	0.3	0.00	Higher
Bloodstream Infection (BSI)					
1	455	0.2	0.3	0.86	Similar
Local-Access Site Infection (LASI)					
22	455	4.8	0.3	0.00	Higher
Access-Related Bloodstream Infections (ARBSI)					
1	455	0.2	0.2	1.00	Similar
Vascular Access Infection (VAI)					
23	455	5.1	0.4	0.00	Higher

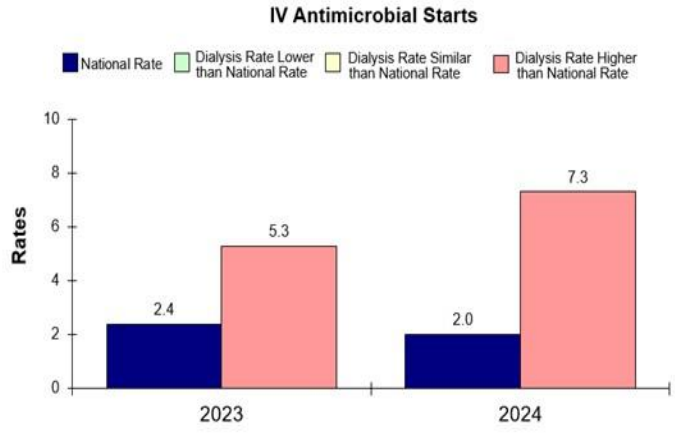
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

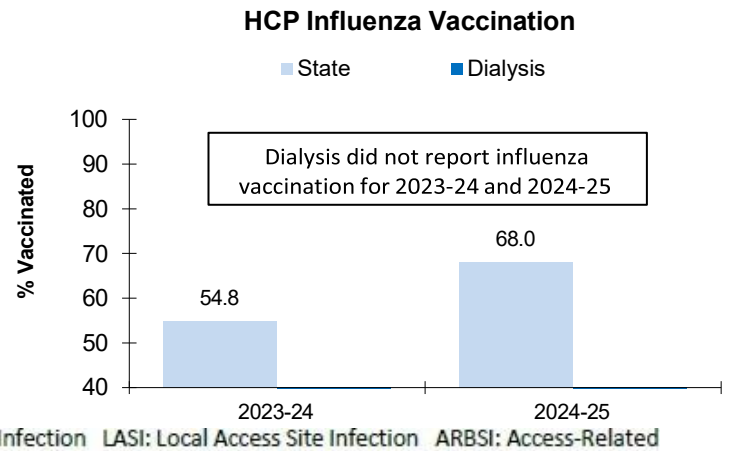
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
33	7.3	2.0	0.00	Higher

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
-	68.0	-





am Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection



FRESENIUS KIDNEY CARE CLAREMONT

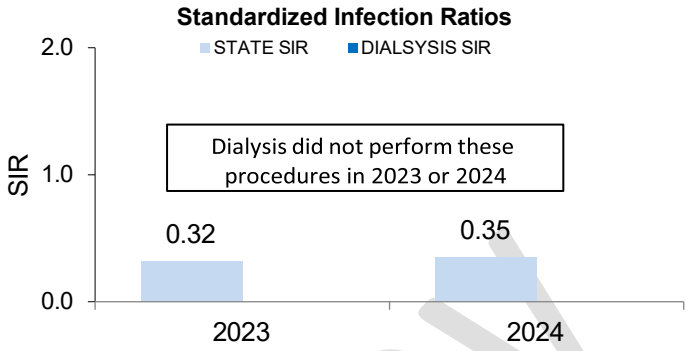
Claremont, NH

-

Group Data: FMC

# of Stations: -

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
-	-	-	-	-	-
Bloodstream Infection (BSI)					
-	-	-	-	-	-
Local-Access Site Infection (LASI)					
-	-	-	-	-	-
Access-Related Bloodstream Infections (ARBSI)					
-	-	-	-	-	-
Vascular Access Infection (VAI)					
-	-	-	-	-	-

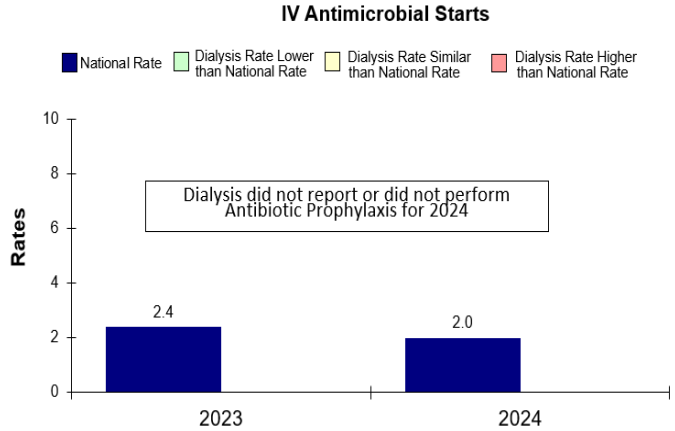
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

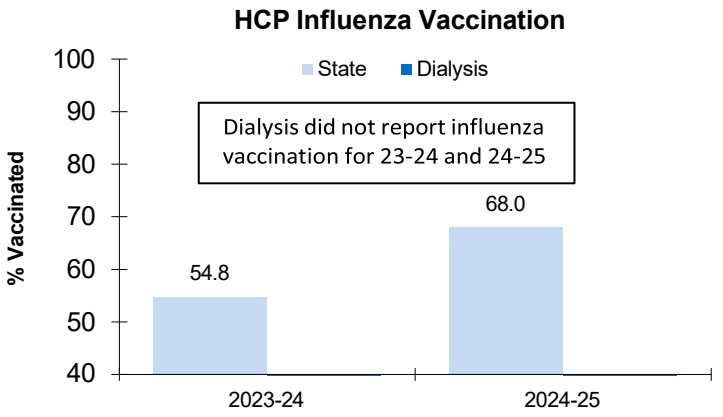
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
-	-	-	-	-

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
-	68.0	-





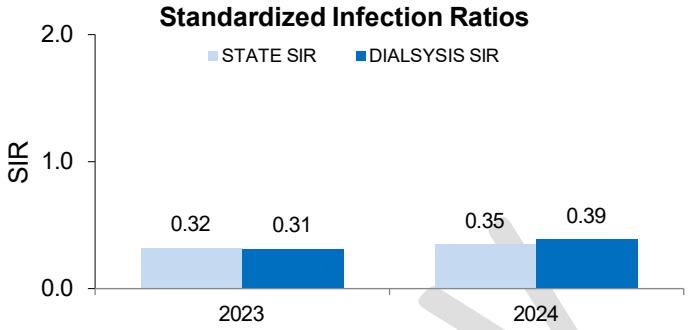
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Nonconfidential



COCHECO RIVER DIALYSIS CENTER
Dover, NH
Private
Group Data: FMC
# of Stations: 13

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
6	2,564	0.2	0.3	0.77	Similar
Bloodstream Infection (BSI)					
2	641	0.3	0.3	0.88	Similar
Local-Access Site Infection (LASI)					
1	641	0.2	0.3	0.58	Similar
Access-Related Bloodstream Infections (ARBSI)					
1	641	0.2	0.2	0.80	Similar
Vascular Access Infection (VAI)					
2	641	0.3	0.4	0.72	Similar

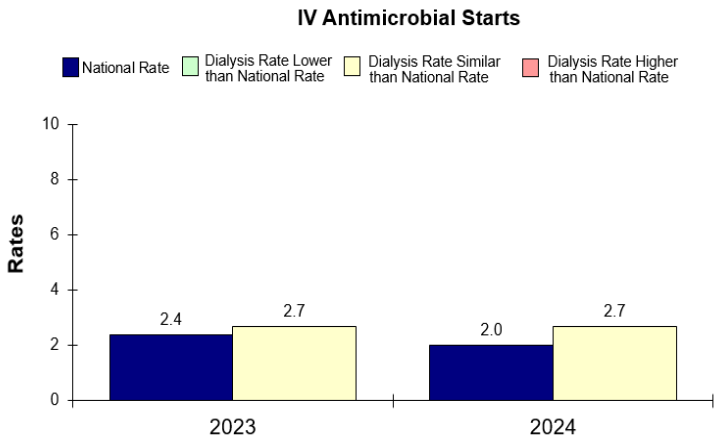
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

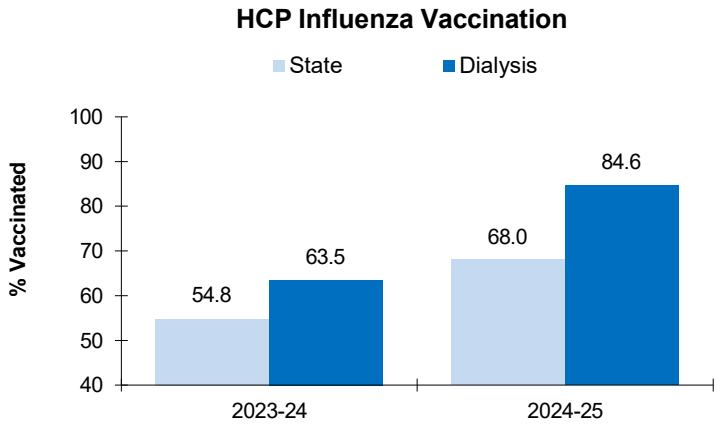
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
17	2.7	2.0	0.26	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
84.6	68.0	Similar





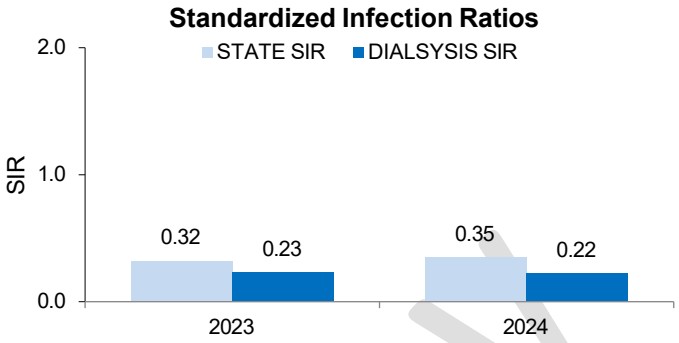
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Nonconfidential



DERRY DIALYSIS
Londonderry, NH
Private
Group Data: DAVITA
# of Stations: 13

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
21	1,876	1.1	0.3	0.00	Higher
Bloodstream Infection (BSI)					
1	469	0.2	0.3	0.83	Similar
Local-Access Site Infection (LASI)					
9	469	1.9	0.3	0.00	Higher
Access-Related Bloodstream Infections (ARBSI)					
1	469	0.2	0.2	1.00	Similar
Vascular Access Infection (VAI)					
10	469	2.1	0.4	0.00	Higher

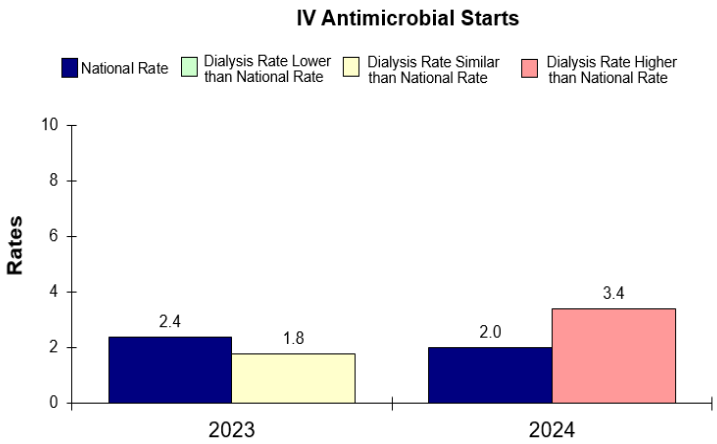
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

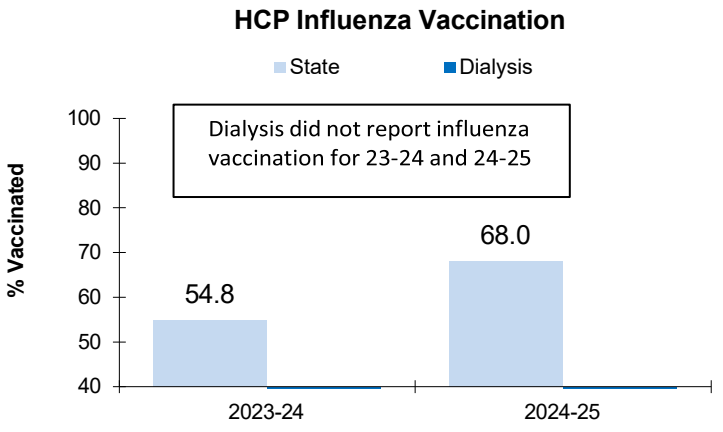
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
16	3.4	2.0	0.05	Higher

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
-	68.0	-





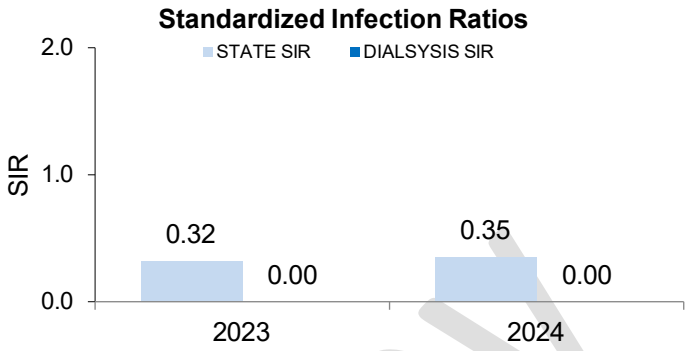
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Variety



FMC DIALYSIS EXETER
Exeter, NH
Private
Group Data: FMC
# of Stations: 13

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
4	1,968	0.2	0.3	0.61	Similar
Bloodstream Infection (BSI)					
0	492	0.0	0.3	0.23	Similar
Local-Access Site Infection (LASI)					
2	492	0.4	0.3	0.61	Similar
Access-Related Bloodstream Infections (ARBSI)					
0	492	0.0	0.2	0.32	Similar
Vascular Access Infection (VAI)					
2	492	0.4	0.4	1.00	Similar

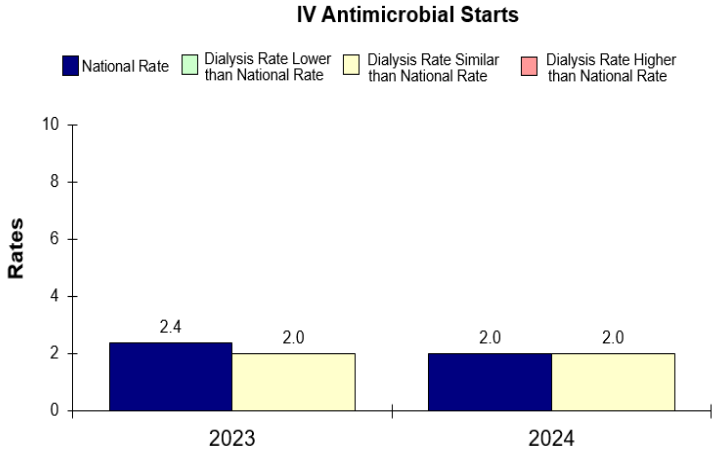
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

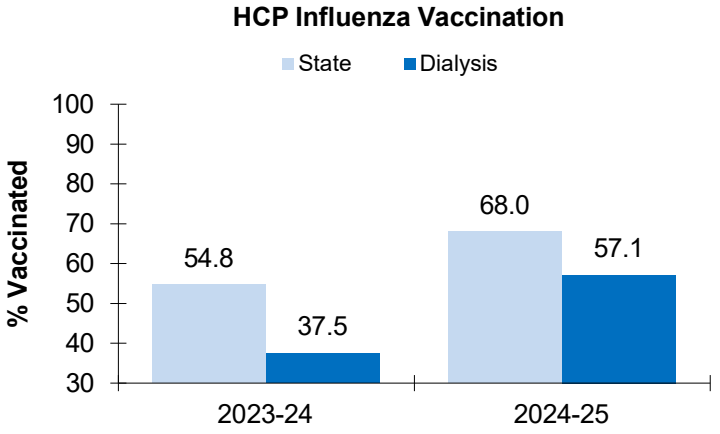
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
10	2.0	2.0	0.93	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
57.1	68.0	Similar





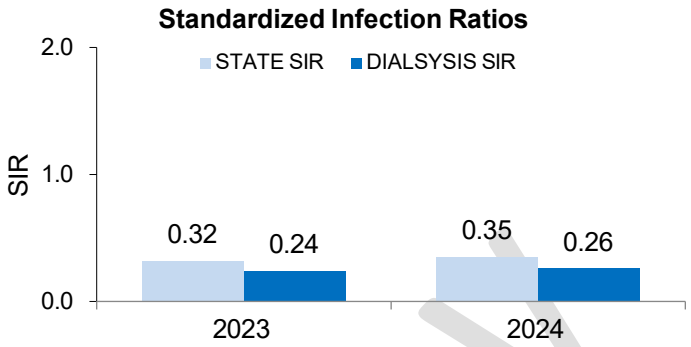
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Internal Use Only



FMC STRAFFORD COUNTY
Rochester, NH
Private
Group Data: FMC
# of Stations: 19

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
26	3,112	0.8	0.3	0.00	Higher
Bloodstream Infection (BSI)					
2	778	0.3	0.3	0.91	Similar
Local-Access Site Infection (LASI)					
10	778	1.3	0.3	0.00	Higher
Access-Related Bloodstream Infections (ARBSI)					
2	778	0.3	0.2	0.80	Similar
Vascular Access Infection (VAI)					
12	778	1.5	0.4	0.00	Higher

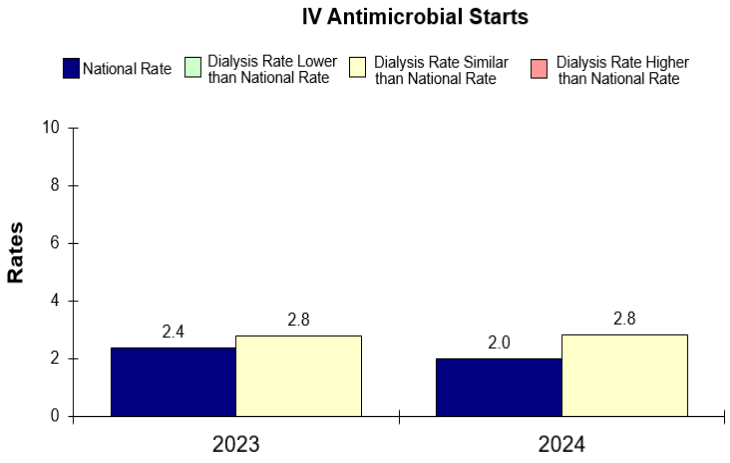
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

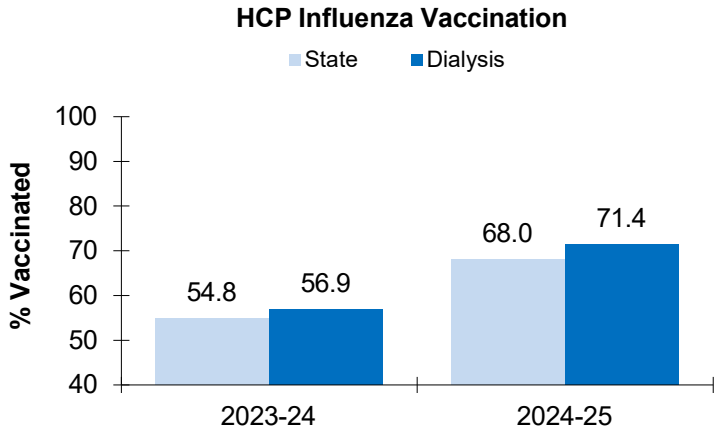
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
22	2.8	2.0	0.12	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
71.4	68.0	Similar





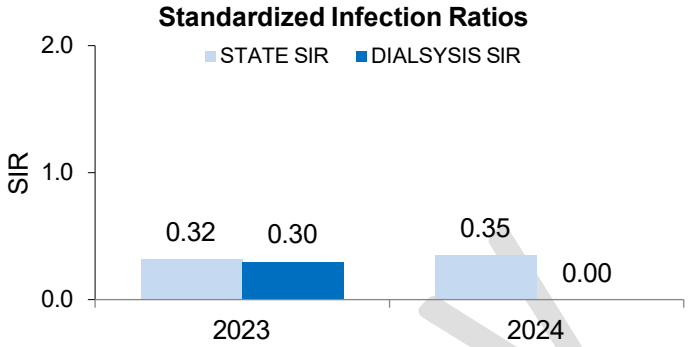
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Nancy



FRESENIUS KIDNEY CARE OF NASHUA
Nashua, NH
Private
Group Data: FMC
# of Stations: 21

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
4	1,132	0.4	0.3	0.56	Similar
Bloodstream Infection (BSI)					
0	283	0.0	0.3	0.43	Similar
Local-Access Site Infection (LASI)					
2	283	0.7	0.3	0.26	Similar
Access-Related Bloodstream Infections (ARBSI)					
0	283	0.0	0.2	0.52	Similar
Vascular Access Infection (VAI)					
2	283	0.7	0.4	0.47	Similar

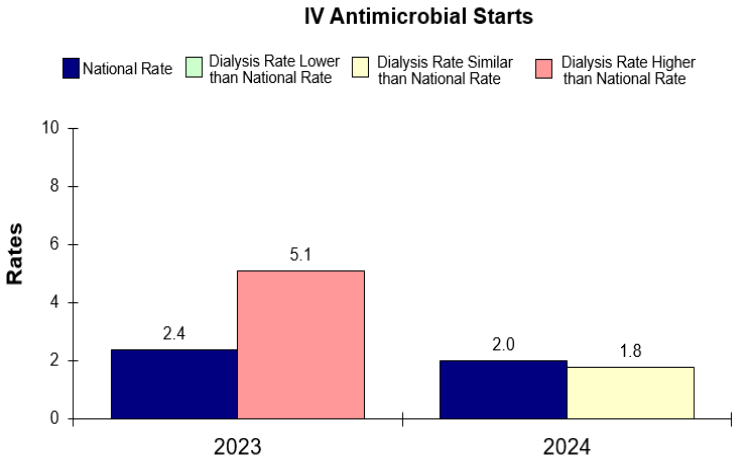
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

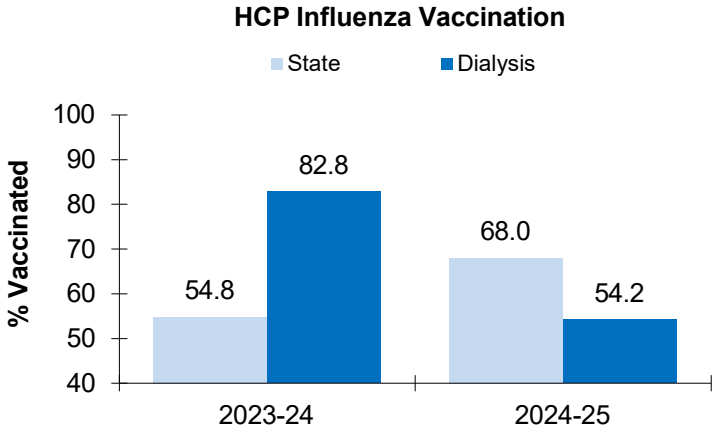
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
5	1.8	2.0	0.82	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
54.2	68.0	Similar



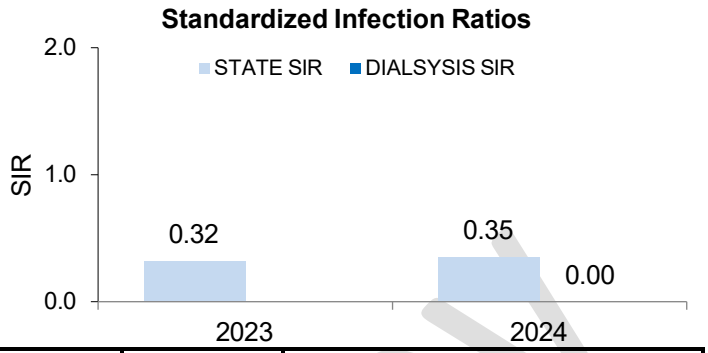


VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection



FRESENIUS MEDICAL CARE OF LAKES REGION
Tilton, NH

Private
Group Data: FMC
# of Stations: 13



INFECTION RATES 2024 HAI DATA REPORT

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
6	520	1.2	0.3	0.00	Higher
Bloodstream Infection (BSI)					
0	130	0.0	0.3	0.68	Similar
Local-Access Site Infection (LASI)					
3	130	2.3	0.3	0.01	Higher
Access-Related Bloodstream Infections (ARBSI)					
0	130	0.0	0.2	0.74	Similar
Vascular Access Infection (VAI)					
3	130	2.3	0.4	0.02	Higher

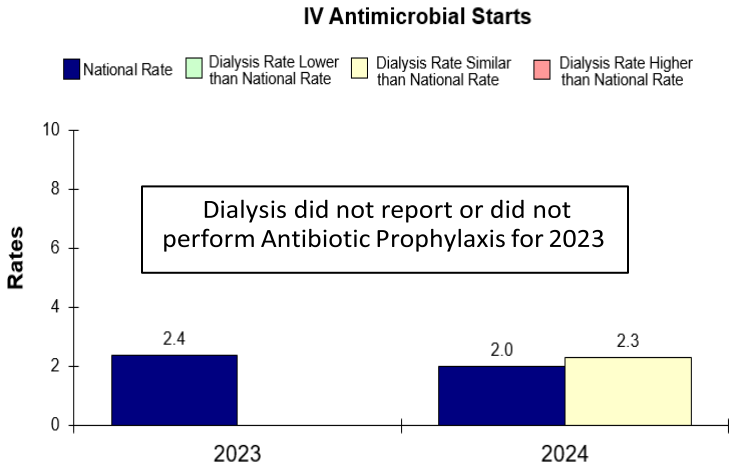
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

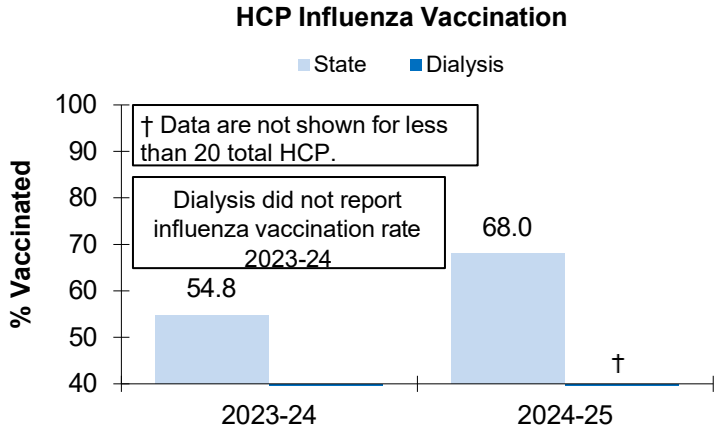
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
3	2.3	2.0	0.75	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
†	68.0	†



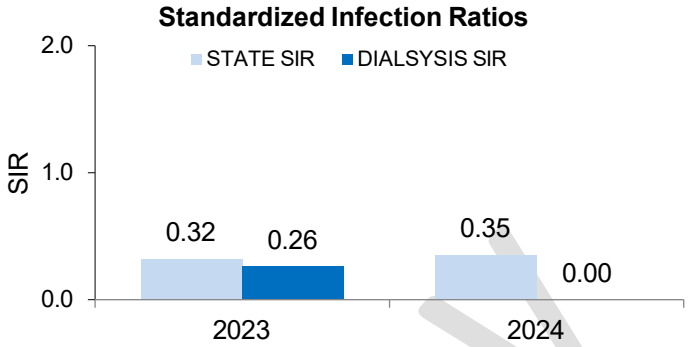


VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection



FRESENIUS MEDICAL CARE OF LANCASTER
Lancaster, NH
Private
Group Data: FMC
# of Stations: 15

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
12	1,260	1.0	0.3	0.00	Higher
Bloodstream Infection (BSI)					
0	315	0.0	0.3	0.39	Similar
Local-Access Site Infection (LASI)					
6	315	1.9	0.3	0.00	Higher
Access-Related Bloodstream Infections (ARBSI)					
0	315	0.0	0.2	0.49	Similar
Vascular Access Infection (VAI)					
6	315	1.9	0.4	0.00	Higher

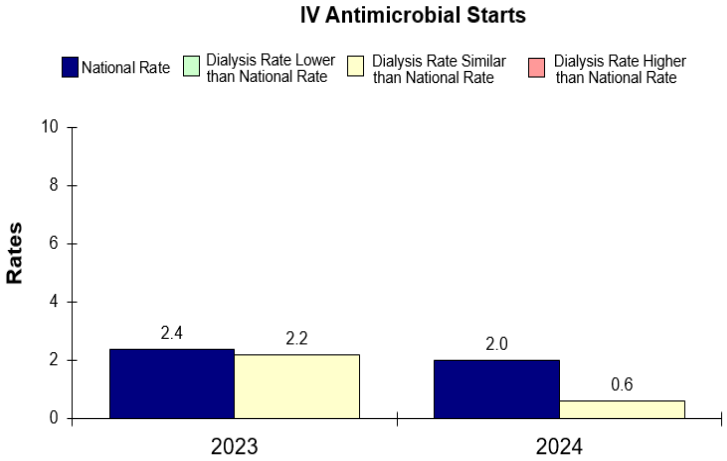
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

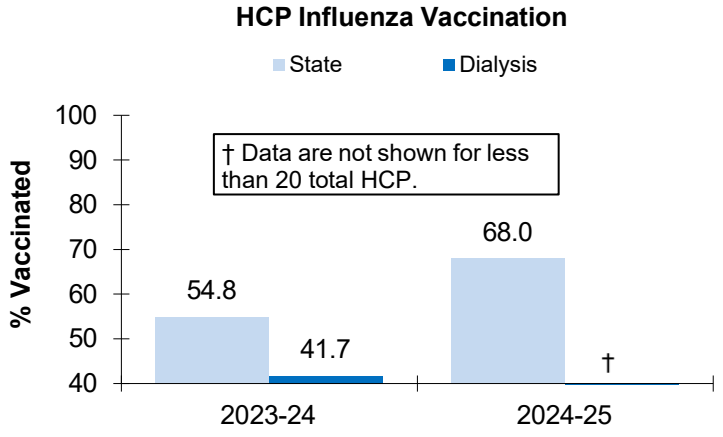
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
2	0.6	2.0	0.06	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
†	68.0	†





VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection



FRESENIUS MEDICAL CARE OF LEBANON

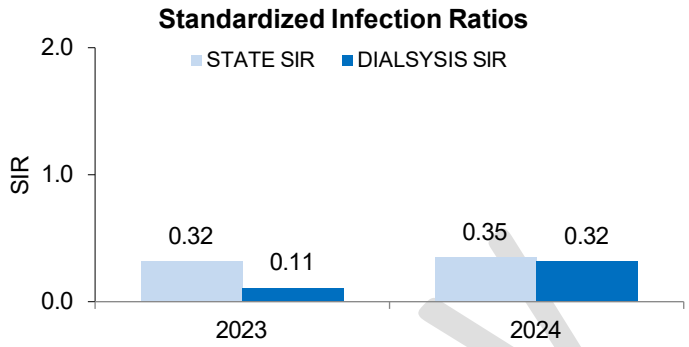
Lebanon, NH

Private

Group Data: FMC

# of Stations: 26

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
25	3,988	0.6	0.3	0.00	Higher
Bloodstream Infection (BSI)					
3	997	0.3	0.3	0.93	Similar
Local-Access Site Infection (LASI)					
8	997	0.8	0.3	0.02	Higher
Access-Related Bloodstream Infections (ARBSI)					
3	997	0.3	0.2	0.60	Similar
Vascular Access Infection (VAI)					
11	997	1.1	0.4	0.01	Higher

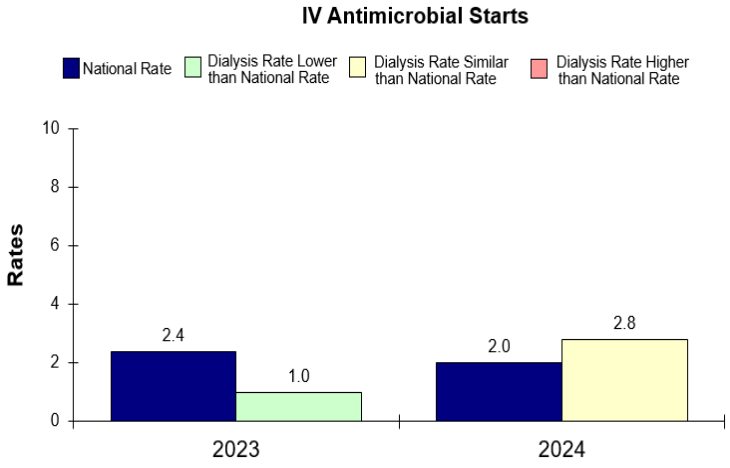
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

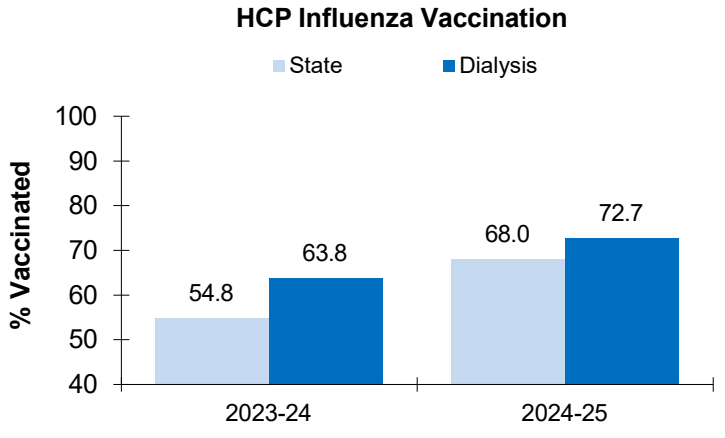
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
28	2.8	2.0	0.09	Similar

FACILITY VACCINATION PERCENTAGE

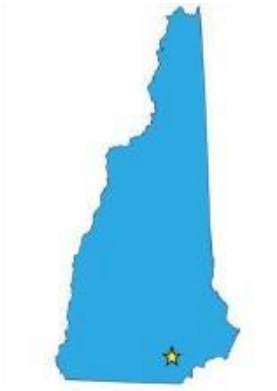
Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
72.7	68.0	Similar





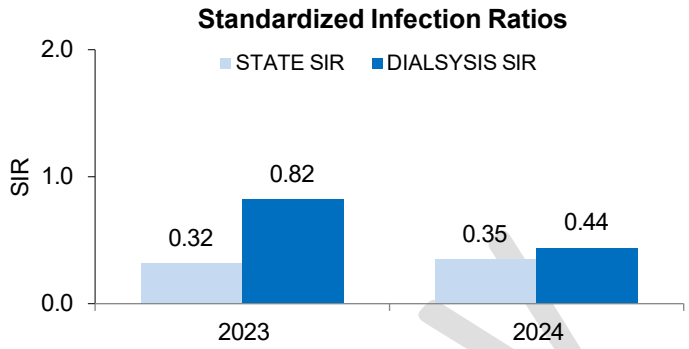
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Nonconfidential



FRESENIUS MEDICAL CARE OF LONDONDERRY
Londonderry, NH
Private
Group Data: FMC
# of Stations: 13

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
5	1,008	0.5	0.3	0.20	Similar
Bloodstream Infection (BSI)					
1	252	0.4	0.3	0.71	Similar
Local-Access Site Infection (LASI)					
1	252	0.4	0.3	0.70	Similar
Access-Related Bloodstream Infections (ARBSI)					
1	252	0.4	0.2	0.56	Similar
Vascular Access Infection (VAI)					
2	252	0.8	0.4	0.39	Similar

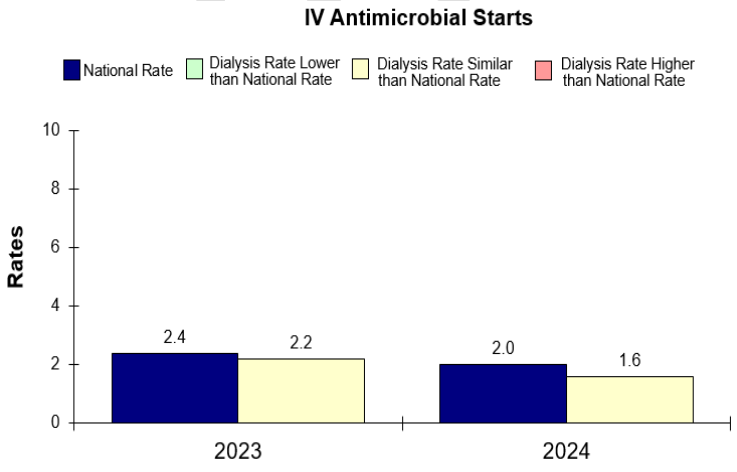
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

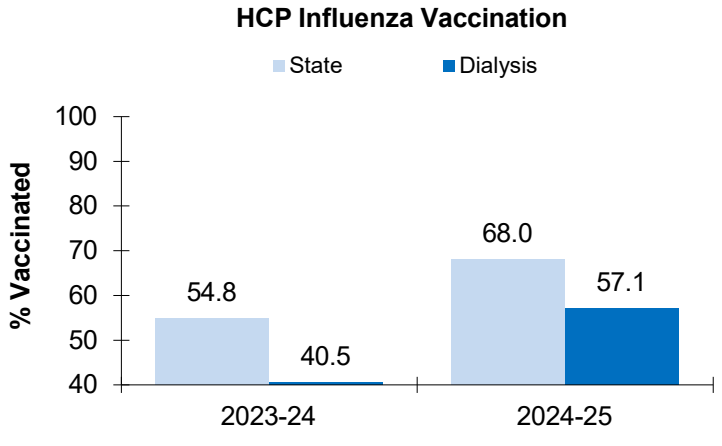
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
4	1.6	2.0	0.68	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
57.1	68.0	Similar





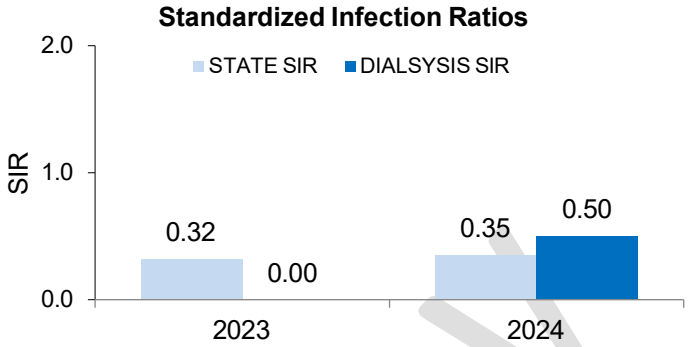
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Nonconfidential



FRESENIUS MEDICAL CARE OF ROCKINGHAM
Salem, NH
Private
Group Data: FMC
# of Stations: 13

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
10	2,008	0.5	0.3	0.07	Similar
Bloodstream Infection (BSI)					
2	502	0.4	0.3	0.64	Similar
Local-Access Site Infection (LASI)					
2	502	0.4	0.3	0.63	Similar
Access-Related Bloodstream Infections (ARBSI)					
2	502	0.4	0.2	0.43	Similar
Vascular Access Infection (VAI)					
4	502	0.8	0.4	0.24	Similar

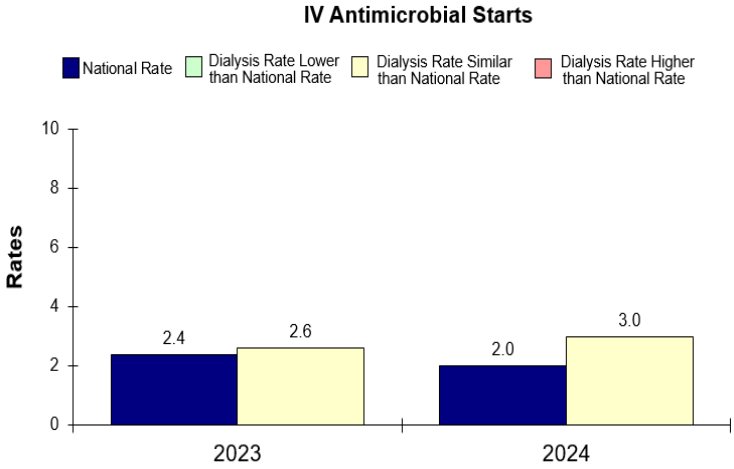
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

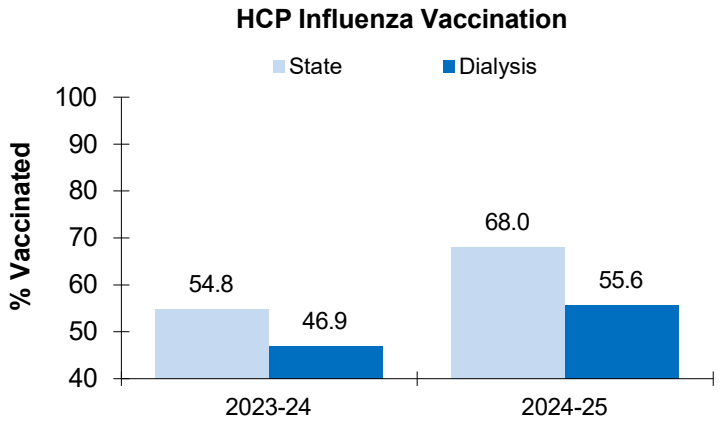
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
15	3.0	2.0	0.14	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
55.6	68.0	Similar





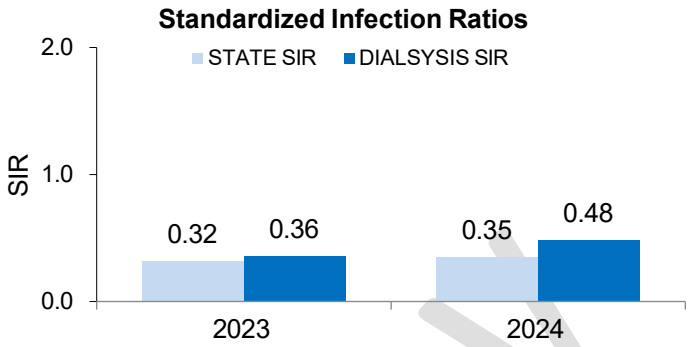
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Invalid



FRESENIUS MEDICAL CARE OF SOUTHERN NH
Milford, NH
Private
Group Data: FMC
# of Stations: 13

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
3	1,388	0.2	0.3	0.76	Similar
Bloodstream Infection (BSI)					
1	347	0.3	0.3	1.00	Similar
Local-Access Site Infection (LASI)					
1	347	0.3	0.3	1.00	Similar
Access-Related Bloodstream Infections (ARBSI)					
0	347	0.0	0.2	0.45	Similar
Vascular Access Infection (VAI)					
1	347	0.3	0.4	0.79	Similar

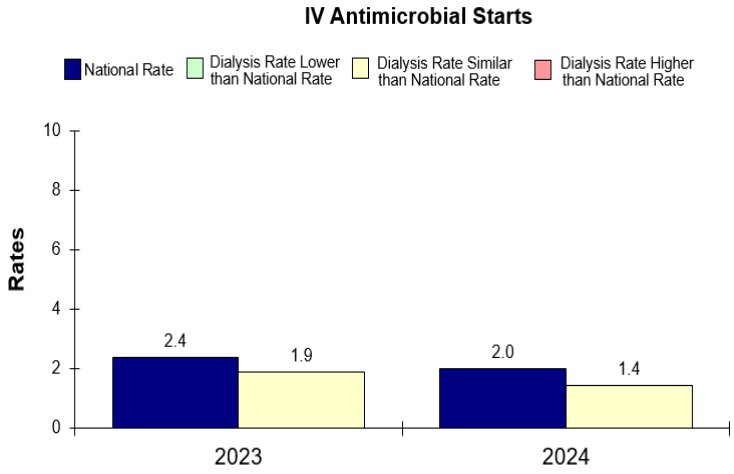
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

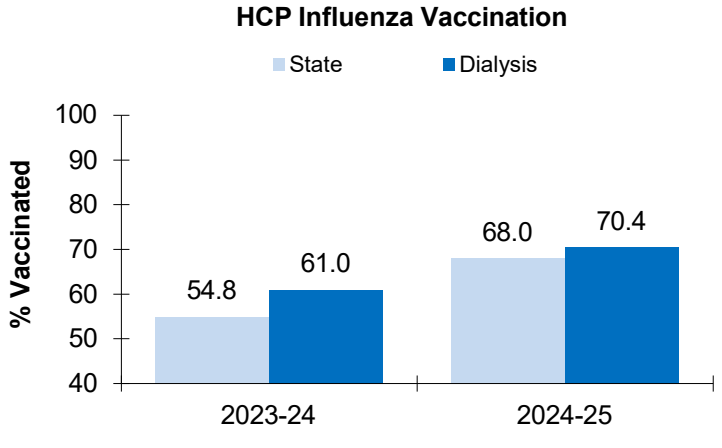
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
5	1.4	2.0	0.48	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
70.4	68.0	Similar





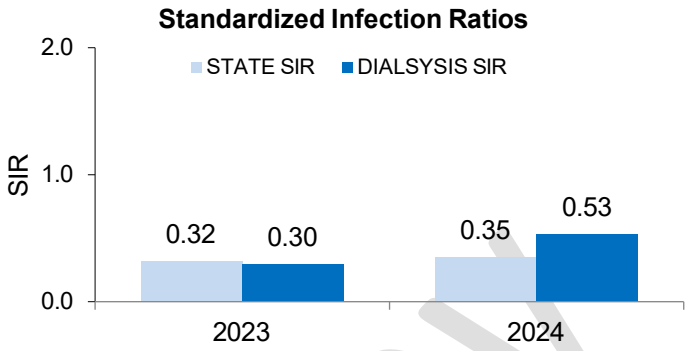
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Nancestry



MANCHESTER DIALYSIS
Manchester, NH
Private
Group Data: DAVITA
# of Stations: 10

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
27	2,244	1.2	0.3	0.00	Higher
Bloodstream Infection (BSI)					
3	561	0.5	0.3	0.33	Similar
Local-Access Site Infection (LASI)					
9	561	1.6	0.3	0.00	Higher
Access-Related Bloodstream Infections (ARBSI)					
3	561	0.5	0.2	0.18	Similar
Vascular Access Infection (VAI)					
12	561	2.1	0.4	0.00	Higher

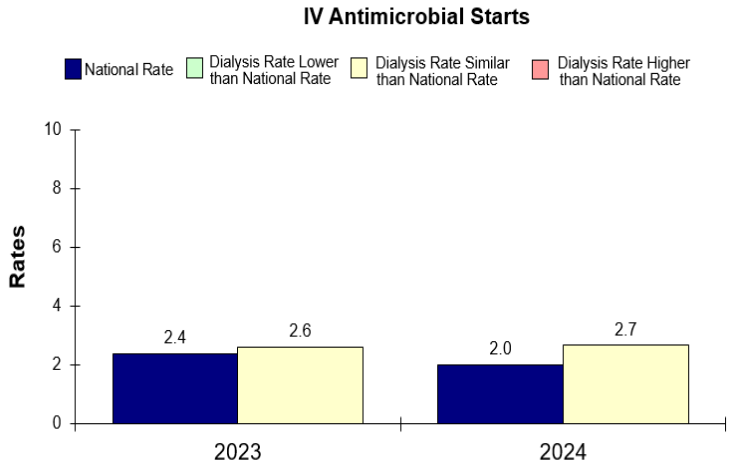
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

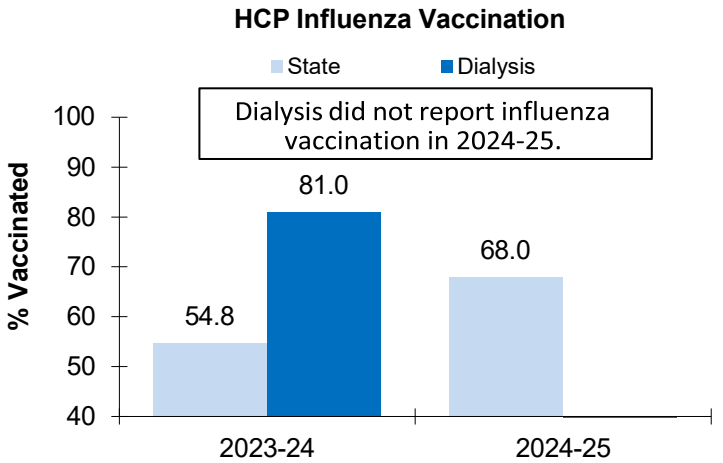
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
15	2.7	2.0	0.28	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
-	68.0	-





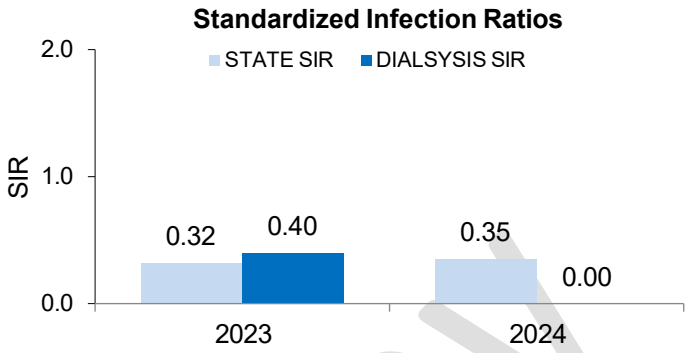
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Manchester



MANCHESTER KIDNEY CENTER
Manchester, NH
Private
Group Data: FMC
# of Stations: 25

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
10	4,400	0.2	0.3	0.61	Similar
Bloodstream Infection (BSI)					
0	1100	0.0	0.3	0.04	Lower
Local-Access Site Infection (LASI)					
5	1100	0.5	0.3	0.35	Similar
Access-Related Bloodstream Infections (ARBSI)					
0	1100	0.0	0.2	0.08	Similar
Vascular Access Infection (VAI)					
5	1100	0.5	0.4	0.84	Similar

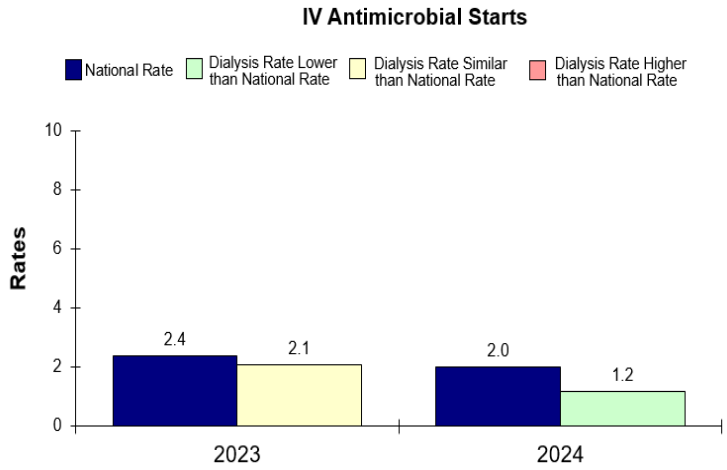
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

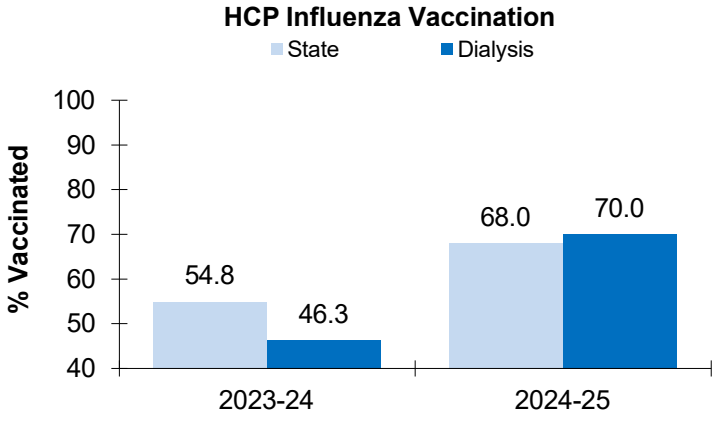
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
13	1.2	2.0	0.04	Lower

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
70.0	68.0	Similar





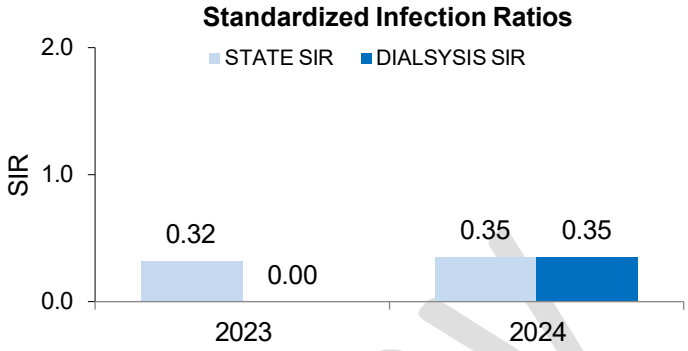
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Manchester



MONADNOCK DIALYSIS
Keene, NH
Private
Group Data: FMC
# of Stations: 12

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
10	2,276	0.4	0.3	0.14	Similar
Bloodstream Infection (BSI)					
2	569	0.4	0.3	0.76	Similar
Local-Access Site Infection (LASI)					
2	569	0.4	0.3	0.74	Similar
Access-Related Bloodstream Infections (ARBSI)					
2	569	0.4	0.2	0.52	Similar
Vascular Access Infection (VAI)					
4	569	0.7	0.4	0.33	Similar

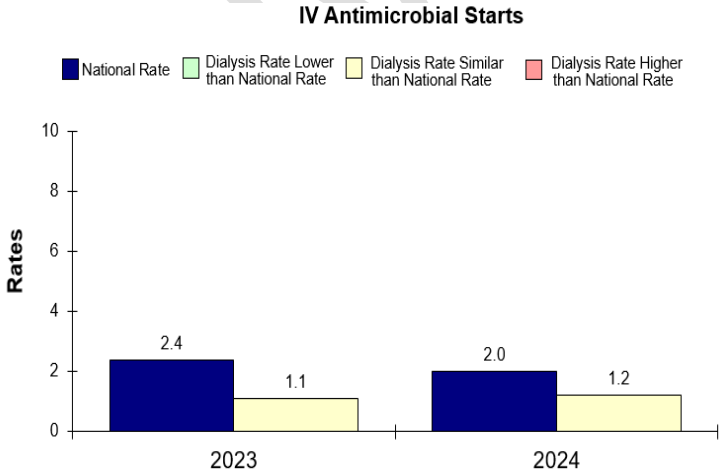
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

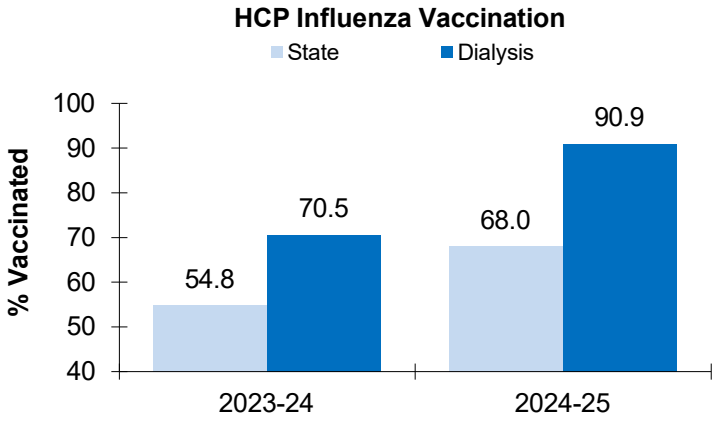
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
7	1.2	2.0	0.18	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
90.9	68.0	Higher





VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Invoice



MT WASHINGTON VALLEY DIALYSIS CENTER

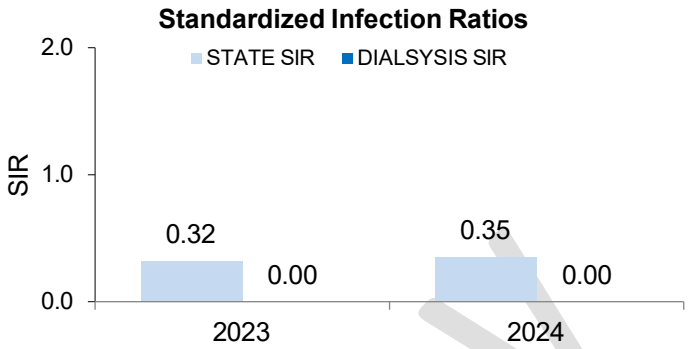
Conway, NH

Private

Group Data: FMC

# of Stations: 10

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
0	1,156	0.0	0.3	0.04	Lower
Bloodstream Infection (BSI)					
0	289	0.0	0.3	0.42	Similar
Local-Access Site Infection (LASI)					
0	289	0.0	0.3	0.42	Similar
Access-Related Bloodstream Infections (ARBSI)					
0	289	0.0	0.2	0.51	Similar
Vascular Access Infection (VAI)					
0	289	0.0	0.4	0.29	Similar

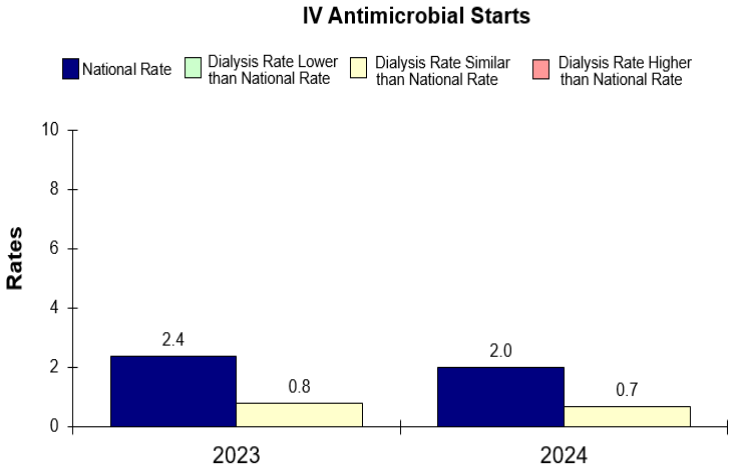
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

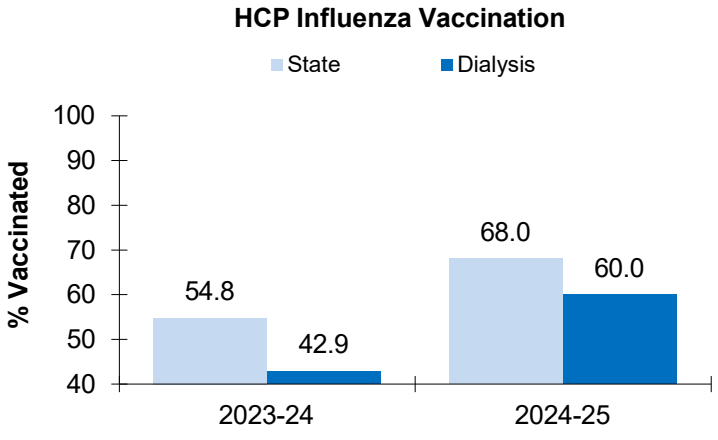
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
2	0.7	2.0	0.09	Similar

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
60.0	68.0	Similar





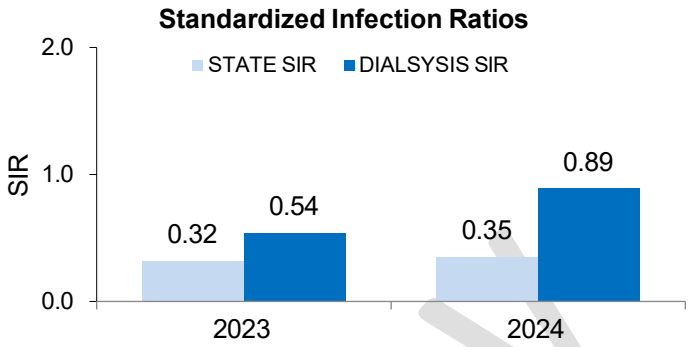
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Manuscript



NASHUA DIALYSIS
Nashua, NH
Private
Group Data: DAVITA
# of Stations: 22

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
53	3,724	1.4	0.3	0.00	Higher
Bloodstream Infection (BSI)					
9	931	1.0	0.3	0.00	Higher
Local-Access Site Infection (LASI)					
13	931	1.4	0.3	0.00	Higher
Access-Related Bloodstream Infections (ARBSI)					
9	931	1.0	0.2	0.00	Higher
Vascular Access Infection (VAI)					
22	931	2.4	0.4	0.00	Higher

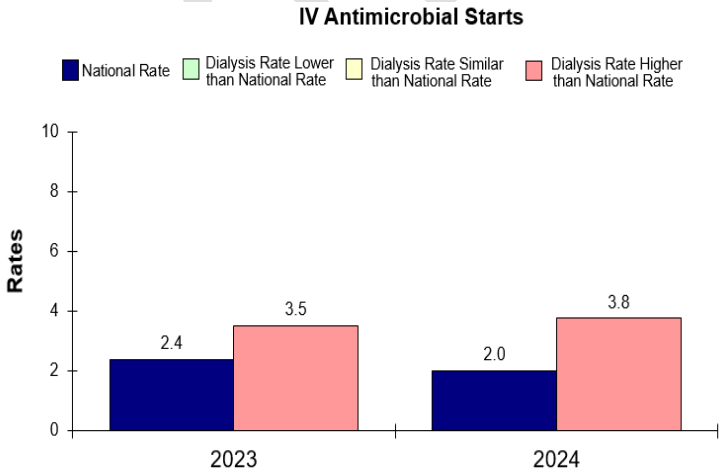
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

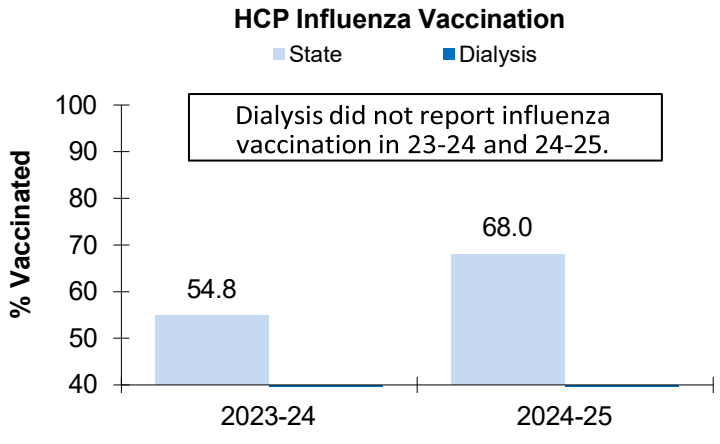
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
35	3.8	2.0	0.00	Higher

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
-	68.0	-





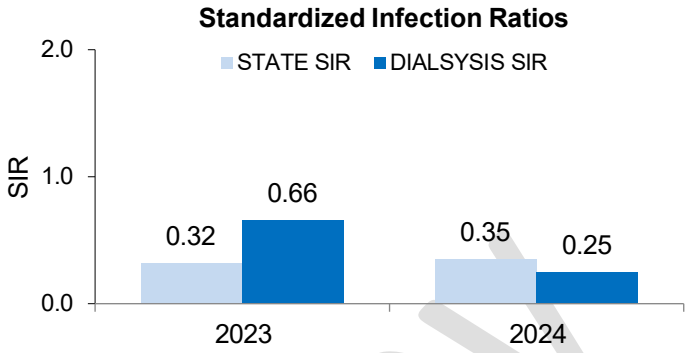
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Nancy



NEW HAMPSHIRE KIDNEY CENTER
Concord, NH
Private
Group Data: FMC
# of Stations: 16

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
92	2,780	3.3	0.3	0.00	Higher
Bloodstream Infection (BSI)					
2	695	0.3	0.3	1.00	Similar
Local-Access Site Infection (LASI)					
43	695	6.2	0.3	0.00	Higher
Access-Related Bloodstream Infections (ARBSI)					
2	695	0.3	0.2	0.69	Similar
Vascular Access Infection (VAI)					
45	695	6.5	0.4	0.00	Higher

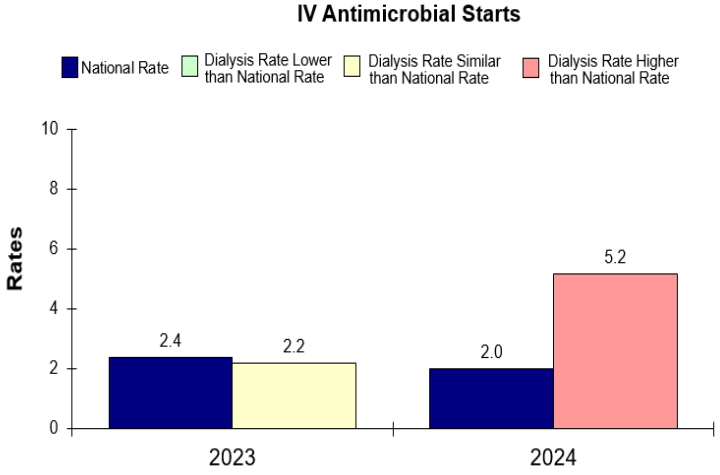
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

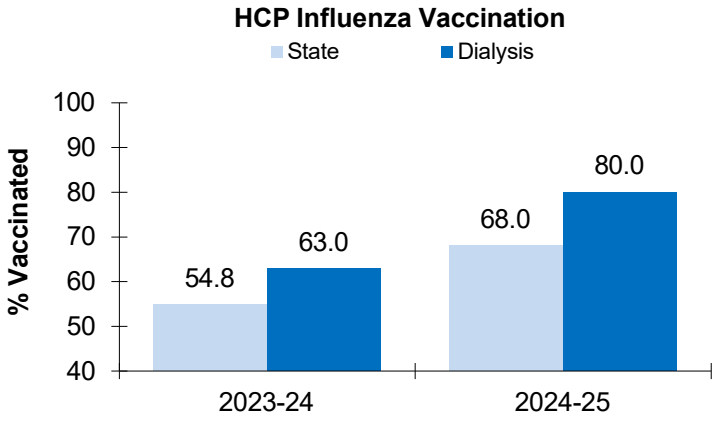
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
36	5.2	2.0	0.00	Higher

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
80.0	68.0	Similar





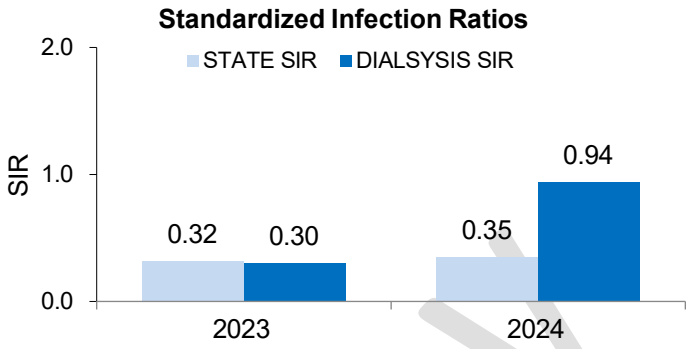
VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Variance



SEACOAST DIALYSIS CENTER
Portsmouth, NH
Private
Group Data: FMC
# of Stations: 19

2024 HAI DATA REPORT



INFECTION RATES

Infections	Patient-months	Dialysis Rate	National Rate	P-Value	Comparison to Expected
Overall Infections					
44	2,776	1.6	0.3	0.00	Higher
Bloodstream Infection (BSI)					
6	694	0.9	0.3	0.03	Higher
Local-Access Site Infection (LASI)					
14	694	2.0	0.3	0.00	Higher
Access-Related Bloodstream Infections (ARBSI)					
5	694	0.7	0.2	0.03	Higher
Vascular Access Infection (VAI)					
19	694	2.7	0.4	0.00	Higher

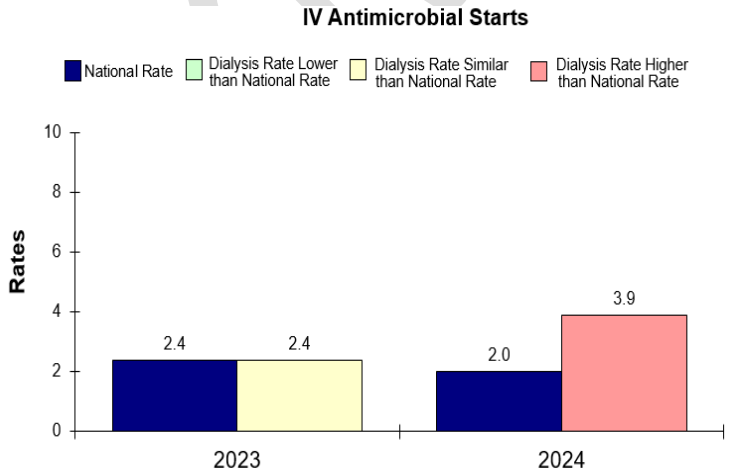
† Data are not shown for facilities reporting less than 50 patient months - Facility did not perform any procedures in this category in 2024

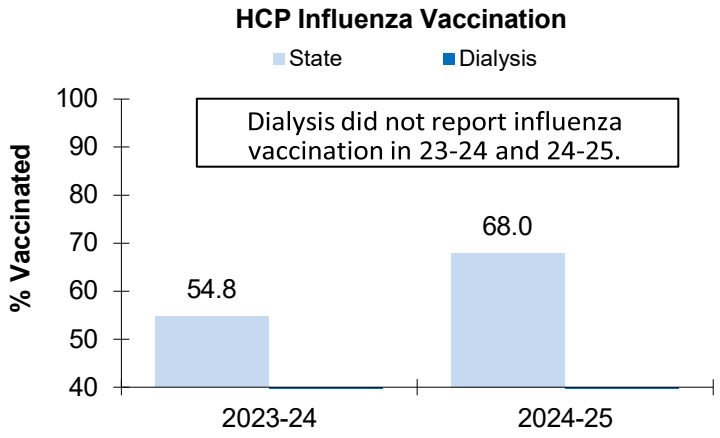
IV ANTIMICROBIAL STARTS

Number of IV Antimicrobial Starts	Dialysis Rate	National Rate	P-Value	Comparison to National Rate
27	3.9	2.0	0.00	Higher

FACILITY VACCINATION PERCENTAGE

Dialysis Vaccination %	State Vaccination %	Comparison to State Vaccination %
38.9	68.0	Lower





VASI: Vascular Access Site Infection IV: Intravenous BSI: Bloodstream Infection LASI: Local Access Site Infection ARBSI: Access-Related Bloodstream Infection VAI: Vascular Access Infection

Nancestry

APPENDIX 1: Technical Notes

1. The majority of the data in this report were extracted from NHSN on 10/02/2025; influenza vaccination data and intravenous antimicrobial start data were extracted from other data sources on the same date. Changes or new infections reported by dialysis centers after this date are not reflected in this report.
2. The SSI national comparison data used in this report come from the 2009 NHSN Report. The 2009 NHSN report summarizes data reported to NHSN from 2006-2008. This report is available at: http://www.cdc.gov/nhsn/PDFs/dataStat/2009NHSNReport.pdf.
3. Rates for any grouping were not presented if data were insufficient to generate a stable rate.
    a. SSI: There must be at least 20 procedures in the denominator to present a rate.
4. All confidence intervals presented in this report are 95% confidence intervals. A confidence interval is a measure of certainty (usually with 95% confidence) of an estimate (such as a percentage). Because we can never obtain a facility's true "population" data (e.g., all patients for all time), we use statistical procedures to estimate various measurements using "sample" data. Since estimates are variable, we use 95% confidence limits to describe the variability around the estimate. The confidence interval gives us the range within which the TRUE value will fall 95% of the time, assuming that the sample data are reflective of the true population. If the confidence intervals for the two rates overlap, then it is reasonably possible that the REAL rates are not different from one another.
5. Statistical significance is affected by sample size. Small sample sizes are more prone to fluctuations in the data.

Standardized Infection Ratios

6. Calculating a SIR: The SIR is the number of observed infections divided by the number of predicted infections based on most recent national data. To calculate an SIR, it is recommended that there be at least one predicted infection. See Appendix 3 for more information on the SIR.
7. Interpreting a SIR: The resulting SIR is a comparison between the number of observed infections and the number predicted.
    a. An SIR of 1.0 means that the same number of infections was observed as was predicted.
    b. An SIR of less than one means that fewer infections were observed than was predicted (for example, SIR = 0.70 would be interpreted as 30% fewer infections observed than predicted).
    c. An SIR of more than one means that fewer infections were observed than were predicted (for example, SIR = 1.30 would be interpreted as 30% more infections observed than predicted).
8. Calculating a corresponding confidence interval for a SIR: The calculations for determining the 95% confidence interval for SIRs in this report are taken from: Liddell FD. Simple exact

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analysis of the standardized mortality ratio. *Journal of Epidemiology and Community Health*, 1984; 38:85-88.[iv]

9. Interpreting a SIR confidence interval: A confidence interval is a measure of certainty (usually with 95% confidence) of an estimate (such as a SIR). Confidence intervals can be used to assess whether differences in the number of observed and predicted infections is statistically significant (different or similar).
    a. For confidence intervals that contain the value 1.0, the observed number of infections will be considered "Similar" to the predicted number of infections based on national data (e.g., 0.27–1.49).
    b. For confidence intervals that are lower than and do not contain the value 1.0, the observed number of infections will be considered "Lower" than the predicted number of infections based on national data (e.g., 0.13–0.74).
    c. For confidence intervals that are higher than and do not contain the value 1.0, the observed number of infections will be considered "Higher" than the predicted number of infections based on national data (e.g., 1.09–2.63).

Infection Rates

10. Calculating a SSI rate and associated p-value: SSI rates are presented as the number of infections per 100 procedures.

    SSI rate = (number of infections / number of procedures) x 100

11. Interpreting a p-value: All dialysis center-specific rates and corresponding p-values in this report were generated directly by NHSN using Poisson statistical methods. State-level rates and corresponding p-values were calculated by DHHS using exact methods. A p-value provides a statistical comparison of two values to determine whether those values are statistically different or similar. In this report, p-values are used to assess whether dialysis infection rates are similar or different to national infection rates. A p-value of <0.05 would indicate the dialysis rate is significantly different than the national rate.
    a. If the p-value is ≥0.05, then the dialysis center rate would be considered statistically "Similar" to the national rate.
    b. If the rate is lower than the national rate and the p-value is <0.05, then the dialysis center would be considered significantly "Lower" than the national rate.
    c. If the rate is higher than the national rate and the p-value is <0.05, then the dialysis center rate would be considered significantly "Higher" than the national rate.

Process Measure Percentages

12. Calculating an influenza vaccination percentage: Influenza vaccination percentages are presented as the number of HCP vaccinated divided by the total number of HCP expressed as a percent.

    Influenza vaccination (%) = (number of HCP vaccinated / total number of HCP) x 100

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13. Calculating a corresponding confidence interval for an influenza vaccination percentage: Confidence intervals for influenza vaccination data presented in this report are mid-p exact 95% confidence intervals, which were calculated using the NHSN statistical calculator.
14. Interpreting a proportion confidence interval for vaccination data: A confidence interval is a measure of certainty (usually with 95% confidence) of an estimate (such as a percentage). Confidence intervals can be used to assess whether differences in the percentages observed for each group (for example, dialysis center vs. state) are statistically significant.
    a. Confidence intervals that overlap the state confidence interval are considered "Similar" to the overall state percentage.
    b. Confidence intervals that are lower than and do not overlap the state confidence interval are considered "Lower" than the overall state percentage.
    c. Confidence intervals that are higher than and do not overlap the state confidence interval are considered "Higher" than the overall state percentage.

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APPENDIX 2: Influenza Vaccination Survey Questions, 2024-2025 Season

1. Background information (facility and survey respondent)
2. How many HCP worked or volunteered in your facility for at least one working day between October 1, 2024 and March 31, 2025?
3. How many HCP received a seasonal influenza vaccination (at your facility or elsewhere) for the 2024-25 season?
   3a. Total number of HCP immunized against influenza for the 2024-25 season:
   3b. Total number of HCP not immunized against influenza for the 2024-25 season:
4. Of the HCP not immunized against influenza for the 2024-25 influenza season, how many HCP did not receive the seasonal influenza vaccine for each of the following reasons (medical contraindications, religious, other (e.g., personal/philosophical), unknown)?
5. Does your facility have a seasonal influenza vaccination policy? Such a policy means that the facility requires all or some portion of HCP working at that facility to receive a seasonal influenza vaccine. If NO, skip to item 10.
   5a. Yes, there is a policy currently in place
   5b. No, but we are considering a policy
   5c. No, and we are not considering a policy
   5d. Other
6. If your facility has a seasonal influenza vaccination policy, what reasons for exemption are acceptable (medical, religious, personal/philosophical, other)? Check all that apply.
7. If your facility has a seasonal influenza vaccination policy, what do you require of unvaccinated HCP with an acceptable reason for exemption (wear a mask, receive verbal and/or written education, other)? Check all that apply.
8. If your facility has a seasonal influenza vaccination policy, what are the potential consequences for unvaccinated HCP without an acceptable reason for exemption (wear a mask, progressive discipline, potentially including termination, receive verbal and/or written education, other)? Check all that apply.
9. If your facility has a seasonal influenza vaccination policy, how many people were terminated, suspended, resigned, or dismissed as a result of noncompliance with the policy during the 2024-25 influenza season?
   9a. Terminated:
   9b. Temporarily suspended:
   9c. Resigned:
   9d. Dismissed permanently:
10. Please enter any comments you would like to share.

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APPENDIX 3: Understanding the Relationship between Healthcare-Associated Infection Rates and Standardized Infection Ratio Comparison Metrics

HAI Elimination Metrics are very useful for performing evaluations.[v] Several metrics are based on the science employed in NHSN. While national aggregate SSI data are published in the annual NHSN reports, these rates must be stratified by procedure-specific factors. This scientifically sound risk-adjustment strategy creates a practical challenge to summarizing this information nationally, regionally, or even for an individual healthcare facility.

A SIR can be used as an indirect standardization method for summarizing HAI experienced across any number of stratified groups of data. To illustrate the method for using an SIR as an HAI comparison metric, the following example data are displayed below:

Bloodstream Infection (BSI) Rate Stratified by Vascular Access Type—NHSN Dialysis Event Data, 2014

Vascular Access Type	Rate (per 100 patient-months)[3]
Arteriovenous (AV) Fistula	0.26
AV Graft	0.39
Other Vascular Access Type[1]	0.67
Central Venous Catheter[2]	2.16

(1): other vascular access type such as catheter-graft hybrid
(2): includes tunneled and non-tunneled catheters
(3): the national access type-specific rates are used to calculate the predicted number of BSIs for each access type in a given facility. This is done by multiplying each facility's access type-specific denominator by the corresponding national rate for that access type. A facility's SIR (standardized infection ratio) is the total observed BSI count divided by the total predicted number of BSIs across all access type categories (SIR=number of observed BSI/number of predicted BSI).

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The SIR concept and calculation is completely based on the underlying rate data that exists across a potentially large group of strata. Thus, the SIR provides a single metric for performing comparisons rather than attempting to perform multiple comparisons across many strata which makes the task cumbersome. The SIR concept and calculation can be applied equitably to other HAI metrics. This is especially true for HAI metrics for which national data are available and reasonably precise using a measurement system such as NHSN. See the following example data and SIR calculation.

Example Dialysis Event Bloodstream Infection (BSI) Standardized Infection Ratio (SIR) for 2016

			A	B	C = A x B	
Summary Year	**Vascular Access Type**	**Number of Observed BSIs**	**Patient-months**	**2014 NHSN BSI Rate/100 Patient-months**	**Number of Predicted BSIs**	
2016	Fistula	0	114	0.26	0.30	Sum
2016	Graft	1	102	0.39	0.40	
2016	Other Access	0	3	0.67	0.02	
2016	Any CVC	3	72	2.16	1.56	
2016	**All**	**4**	**291**	**.**	**2.28**	

In this example:

- In 2016, across all vascular access types, this facility observed 4 BSIs and 291 patient-months.
- Multiply (**A**) the number of patient-months for each vascular access type at the facility by (**B**) the BSI Rates Stratified by Vascular Access Type from NHSN Dialysis Event Data 2014, to calculate (**C**) the number of predicted BSIs for each vascular access type. These products (**C**) are then summed together for a total of 2.28 predicted BSIs for the facility.
- The SIR is calculated by dividing the number of observed BSIs (4) by the predicted number of BSIs (2.28).

$$SIR = \frac{Number\ of\ Observed\ BSI}{Number\ of\ Predicted\ BSI} = \frac{4}{2.28} = 1.75$$

- This ratio results in an SIR of 1.75, which means that this facility observed 75% more BSIs than were expected based on the national average.

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APPENDIX 4: Preventing Healthcare-Associated Infections

What You Can Do to Prevent Healthcare-Associated Infections

There are several prevention tips you can follow all the time to reduce your chance of getting an infection or spreading your infection to others.

1. Clean your hands.
   - Use soap and warm water. Rub your hands for at least 20 seconds. Rub your palms, fingernails, in between your fingers, and the backs of your hands.
   - If your hands do not look dirty, you can clean them with alcohol-based hand rub. Rub the gel all over your hands, especially under your nails and between your fingers, until your hands are dry.
   - Clean your hands before touching or eating food. Clean them after you use the bathroom, take out the trash, change a diaper, visit someone who is ill, or play with a pet.
2. Make sure healthcare providers clean their hands first, even if they wear gloves, before touching you or performing a procedure.
   - Doctors, nurses, dentists, and other healthcare providers come into contact with many bacteria and viruses. If you do not see your healthcare provider wash their hands or use an alcohol-based hand rub before they treat you, ask them if they have cleaned their hands.
   - Healthcare providers should wear clean gloves when they perform tasks such as taking throat cultures, pulling teeth, taking blood, touching wounds or body fluids, while suctioning tubes, and examining your mouth or genetalia. Don't be afraid to ask if they should wear gloves.
3. Cover your mouth and nose.
   - Many diseases are spread through sneezes and coughs. When you sneeze or cough, the germs can travel three feet or more. Cover your mouth and nose to prevent the spread of infection to others.
   - Use a tissue. Keep tissues handy at home, at work, and in your pocket. Be sure to throw away used tissues and clean your hands after coughing or sneezing.
   - If you don't have a tissue, cover your mouth and nose with the bend of your elbow or hands. If you use your hands, clean them right away.
4. If you are sick, avoid close contact with others.
   - If you are sick, stay away from other people or stay home. Don't shake hands or touch others.
   - When you go for medical treatment, call ahead and ask if there is anything you can do to avoid infecting people in the waiting room.
5. Get shots to avoid disease and fight the spread of infection.
   - Make sure that your vaccinations are current—even for adults. Check with your doctor about shots you may need.
6. If you are prescribed an antibiotic for an illness, take them exactly as directed by your doctor.

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- Don't take half-doses or stop before you complete your prescribed course even if you feel better. Not taking them as directed can lead to infections that become resistant to antibiotics, making them more difficult to treat.

What You Can Do to Help Prevent Access Site Infections

- Tell your doctor about other medical problems you may have. Health problems such as allergies, diabetes, and obesity could affect your treatment.
- Quit smoking. Patients who smoke get more infections. Talk to your doctor about how you can quit before your procedure.
- Do not shave near where you will have your access site. Shaving with a razor can irritate your skin and make it easier to develop an infection.
- You may have some of your hair removed immediately before your procedure using electric clippers if the hair is in the same area where the procedure will occur, however you should not be shaved with a razor. Speak up if someone tries to shave you with a razor before procedure. Ask why you need to be shaved and talk with your surgeon if you have any concerns.
- Ask if you will get antibiotics.
- After your procedure, make sure that your healthcare providers clean their hands before examining you, either with soap and water or an alcohol-based hand rub. If you do not see your providers clean their hands, please ask them to do so.
- Family and friends who visit you should not touch the wound or dressings and prevent pets from coming into contact with your access site.
- Family and friends should clean their hands with soap and water or an alcohol-based hand rub before and after visiting you. If you do not see them clean their hands, ask them to do so.
- Before you go home, your doctor or nurse should explain everything you need to know about taking care of your access site. Make sure you understand how to care for your access site before you leave the healthcare facility. If you do develop an infection at the hospital, be sure to ask what type of infection you have, whether you need antibiotics for it, what steps you should take to prevent it from spreading and make plans for follow up care for the infection.
- Always clean your hands before and after caring for your wound.
- Before you go home, make sure you know who to contact if you have questions or problems after you get home.
- If you have any symptoms of an infection, such as redness and pain at the surgery site, drainage, or fever, call your doctor immediately.

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What Healthcare Facilities Can Do to Prevent Access Site Infections

To prevent access site infections, doctors, nurses, and other healthcare providers:

- Clean their hands and arms up to their elbows with an antiseptic agent before the procedure.
- Clean their hands with soap and water or an alcohol-based hand rub before and after caring for each patient.
- May remove some of your hair immediately before your procedure using electric clippers if the hair is in the same area where the procedure will occur. They should not shave you with a razor.
- Wear special hair covers, masks, gowns, and gloves during surgery to keep the procedure area clean.
- Clean the skin at the site of your access with a special soap that kills germs.

This information was adapted from materials developed by the Centers for Disease Control and Prevention (CDC), the Association for Professionals in Infection Control and Epidemiology (APIC), the Joint Commission, and Society of Healthcare Epidemiology of America (SHEA).

Other useful resources

Access the New Hampshire Healthcare-Associated Infections (HAI) Program website for public reports, guidelines, and other materials at: Healthcare-Associated Infections | New Hampshire Department of Health and Human Services (nh.gov)

For more information about HAI nationally and patient safety, visit the Centers for Disease Control and Prevention (CDC) website at: http://www.cdc.gov/HAI/

The Agency for Healthcare Quality and Research (AHRQ) has information for patients including care planning, diagnosis and treatment, and patient engagement. Visit their website at: http://www.ahrq.gov/patients-consumers/index.html

The Society for Healthcare Epidemiology of America (SHEA) has several patient resources and guides. Visit their website at: SHEA (shea-online.org)

The Association of Professionals in Infection Control and Epidemiology (APIC) have infection prevention updates, materials for healthcare facilities, and information about HAI. Visit their website to learn more: APIC for consumers

To learn more about accreditation, certification and standards, visit the Joint Commission Website at: http://www.jointcommission.org/

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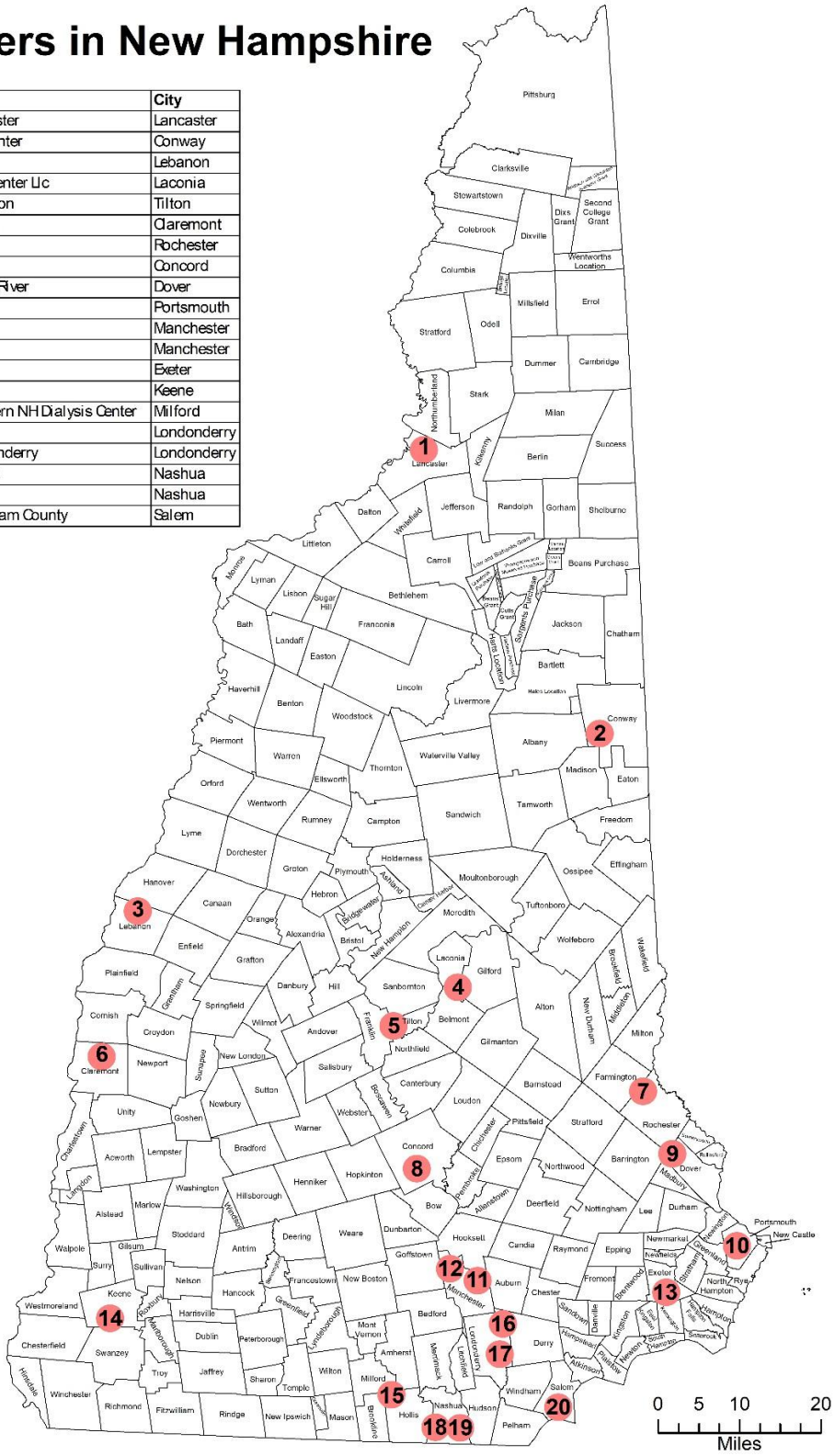
APPENDIX 5: Map of New Hampshire Dialysis Centers 2024

Dialysis Centers in New Hampshire

Map#	Facility	City
1	Fresenius Medical Care Of Lancaster	Lancaster
2	Mt Washington Valley Dialysis Center	Conway
3	Fresenius Medical Care Lebanon	Lebanon
4	Central New Hampshire Kidney Center Llc	Laconia
5	Fresenius Kidney Care Lakes Region	Tilton
6	Fresenius Kidney Care Claremont	Claremont
7	Fmc Strafford County Dialysis	Rochester
8	New Hampshire Kidney Center	Concord
9	Fresenius Medical Care Cocheco River	Dover
10	Seacoast Dialysis Center	Portsmouth
11	Manchester Dialysis	Manchester
12	Manchester Kidney Center	Manchester
13	Fmc Dialysis Services Exeter	Exeter
14	Monadnock Dialysis Center	Keene
15	Fresenius Medical Care Of Southern NH Dialysis Center	Milford
16	Derry Dialysis	Londonderry
17	Fresenius Medical Care Of Londonderry	Londonderry
18	Fresenius Kidney Care Of Nashua	Nashua
19	Nashua Dialysis	Nashua
20	Fresenius Medical Care Rockingham County	Salem



REFERENCES

[i]The Centers for Disease Control and Prevention (CDC).(2023, February 6). Dialysis safety. Centers for Disease Control and Prevention. Accessed online from: Infections and Patients on Dialysis | Dialysis Safety | CDC

[ii]CDC. Guide to Infection Prevention for Outpatient Settings: Minimum Expectations for Safe Care. Accessed online from: Guide to Infection Prevention for Outpatient Settings: Minimum Expectations for Safe Care | HAIs | CDC

[iii]Linda McKibben, MD, Teresa Horan, MPH, Jerome I. Tokars. Guidance on Public Reporting of Healthcare-Associated Infections: Recommendations of the Healthcare Infection Control Practices Advisory Committee. American Journal of Infection Control. 2005;33:217-26. Accessed online from: Guidance on public reporting of healthcare-associated infections: recommendations of the Healthcare Infection Control Practices Advisory Committee - PubMed (nih.gov)

[iv]The Centers for Disease Control and Prevention (CDC).(2024, January). Dialysis Event Surveillance Protocol. Centers for Disease Control and Prevention. Accessed online from: https://www.cdc.gov/nhsn/pdfs/pscmanual/8pscdialysiseventcurrent.pdf

Note: referenced according to citation order of appearance within the report.

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