Department of HEALTH & HUMAN SERVICES | Division of Public Health

STATE OF NEW HAMPSHIRE HEALTHCARE-ASSOCIATED INFECTIONS 2024 AMBULATORY SURGERY CENTER REPORT

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New Hampshire Department of Health and Human Services Division of Public Health

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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. Each day, approximately 1 in 31 U.S. patients and 1 in 43 nursing home residents contracts at least one infection in association with their healthcare, underscoring the need for improvements in patient care practices in U.S. healthcare facilities. While much progress has been made, more needs to be done to prevent healthcare-associated infections in a variety of settings.

During the 2006 legislative season, the New Hampshire (NH) Legislature passed a bill creating NH Revised Statutes Annotated (RSA) 151:32-35, which requires hospitals to identify, track, and report selected HAI to the NH Department of Health and Human Services (DHHS). All facilities reported in accordance with (RSA) 151:32-35. This report represents the twelfth summary of HAI-related data reported by Ambulatory Surgical Centers (ASCs) in NH.

Healthcare-Associated Infections in New Hampshire Ambulatory Surgery Centers

All ambulatory surgical centers reported in accordance with RSA 151:32-35. Thirty-seven ASC were licensed for the 2024 calendar year, of these nine ASC performed reportable procedures. There were eleven surgical site infections (SSI), only eight SSI met the criteria to be included in the "All SSI SIR Model". Seven ASC with sufficiently robust data to present procedure-specific rate data had a similar rate as compared to the national procedure rate.

Surgical Site Infections

Nine ASC reported SSI data for three surgical procedures.

- Breast Procedures (BRST): Six ASC performed breast procedures; five had sufficiently robust data to present facility-specific rates for SSI following breast procedures. Overall, eight SSI following breast procedures were reported. Overall, SSI rates were similar compared to national data.
- Hernia Procedures (HER): All HER procedures were excluded from the SSI SIR model due to incomplete data in the model.
- Open Reduction of Fracture Procedures (FX): Eight ASC performed open reduction of fracture procedures; six had sufficiently robust data to present a facility specific rate. Three SSI following open reduction of fracture procedures were reported. Overall, SSI rates were similar to national data.

Surgical Intravenous Antimicrobial Prophylaxis Administration

Thirty-seven ASC that administer intravenous (IV) surgical antimicrobial prophylaxis were licensed for the entire 2024 calendar year and therefore required to report IV surgical antimicrobial prophylaxis timing administration data. This prophylaxis was provided within the appropriate time frame for 98.3% of reported orders. Adherence to reporting was low at only 48.6%. This could be a result of many different circumstances such as staff turnover and confusion about reporting requirements. Two ASC observed lower adherence, four ASC observed higher adherence, and eight observed similar adherences compared to the state adherence percentage. Facility data was omitted from the IV surgical antimicrobial prophylaxis table if facilities either

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failed to report or reported some data but not for all four quarters.

In response to the data findings from the 2024 reporting year, the data can be considered to be skewed in favor of those reporting. Historically, New Hampshire has had robust adherence to reporting all measures under 151:32-35. In 2026 the HAI Program will actively engage facilities to improve reporting and work to alleviate barriers that ASC may be experiencing.

Influenza Vaccination Coverage in Ambulatory Surgery Center Healthcare Personnel

Thirty-seven ASCs licensed at any point during the 2024-25 influenza season were required to report healthcare personnel (HCP) influenza vaccination percentages. Vaccination coverage by ASCs ranged from 47.1% to 100%, and the ASC State percentage was 85.7%. Thirty-five percent of facilities did not report this measure in the 2024-25 season.

National Healthcare Safety Network (NHSN) ASC Module

NHSN implemented a module for ASCs called the Outpatient Procedure Component (OPC). The OPC allows ASCs to report mandated, as well as optional measures, by using one web-based secure reporting system. This system contains two distinct modules: Same Day Outcome Measures (OPC-SDOM) and Surgical Site Infection (OPC-SSI) surveillance.

The OPC module has some limitations when comparing data to the Patient Safety Module, which was previously used for ASC data. Only facilities with a CMS number can submit data into NHSN, this prohibits any non-CMS registered healthcare facilities from submitting data into the OPC module. All ASC-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 using the NHSN Statistical Calculator.

Conclusion

This is the thirteenth report of NH ASC 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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Surgical Site Infection Rates

The statewide rate for infections following breast procedures and open reduction of fracture procedures for patients were similar to national rates (Table 1). Hernia procedures were excluded due to general exclusion criteria or potential data quality issues or concerns. Tables 1 through 4 provide rates of SSI per 100 procedures by ASC. Seven ASC had a rate similar to national data for all procedure categories selected. Note that rates are calculated individually for type of procedure.

Table 1. Statewide ambulatory surgery center rates by procedure, Jan 1–Dec 31, 2024

	Observed Infections	Total Procedures	Rates by Procedure*	P-Value	State Rate Compared to National Rate
Overall SSI SIR	11	1,101	1.00	0.04	Higher
	The overall rate of SSI in New Hampshire ASC was 1.00 per 100 procedures. This difference is statistically significant, which means the overall number of SSI in the state is HIGHER when compared to the number seen nationally.				
BRST SIR	8	643	1.24	0.07	Similar
	The overall rate of BRST in New Hampshire ASC was 1.24 per 100 procedures. This difference is not statistically significant, which means the overall number of BRST infections in the state is SIMILAR when compared to the number seen nationally.				
HER SIR	-	-	-	-	-
	All HER procedures were excluded due to data quality issues hence the rate was not calculated.				
FX SIR	3	458	0.66	0.18	Similar
	The overall rate of FX in New Hampshire ASC was 0.66 per 100 procedures. This difference is not statistically significant, which means the overall number of FX infections in the state is SIMILAR to the number seen nationally.				

*rates shown are per 100 procedures performed.
HAI: Healthcare-associated infection
SSI: Surgical site infections
BRST: Surgical site infections associated with breast procedures
HER: Surgical site infections associated with hernia procedures
FX: Surgical site infections associated with open reduction of fracture procedures

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Table 8. Influenza vaccination percentages for HCP by ASC, 2024-25 influenza season, Oct 1, 2024–Mar 31, 2025

ASC	HCP Vaccinated	Total HCP	% HCP Vaccinated	P-Value	ASC % Compared to State %
Ambulatory Surgery Center (Manchester)	118	123	95.9%	0.00	Higher
Atlantic Coast Surgical Suites	-	-	-	-	-
Atlantic Plastic Surgery Center	-	-	-	-	-
Auburn Surgery Center	36	42	85.7%	1.00	Similar
Barrington Surgical Care	15	23	65.2%	0.02	Lower
Bedford Ambulatory Surgery Center	212	230	92.2%	0.00	Higher
Center for Outpatient Care	-	-	-	-	-
Center for Pain Solutions	†	†	†	†	†
Coastal Surgical Center	-	-	-	-	-
Concord Ambulatory Surgical Center	-	-	-	-	-
Concord Endoscopy Center	41	45	91.1%	0.31	Similar
Concord Eye Surgery	21	29	72.4%	0.06	Similar
Dartmouth-Hitchcock Nashua Endoscopy Center	25	27	92.6%	0.32	Similar
Elliot 1 Day Surgery Center	302	317	95.3%	0.00	Higher
Granite State SurgiCenter	-	-	-	-	-
Hillside Surgery Center	-	-	-	-	-
Lighthouse Surgical Suites	-	-	-	-	-
Mass General Brigham Amsurg	78	80	97.5%	0.00	Higher
Minimally Invasive Surgery Center of New England	62	65	95.4%	0.02	Higher
Nashua Ambulatory Surgical Center	84	93	90.3%	0.20	Similar
Nashua Eye Surgery Center	28	35	80.0%	0.34	Similar
New England Center for Orthopaedic Surgery	62	80	77.5%	0.05	Lower
North Atlantic Surgical Suites	75	79	94.9%	0.01	Higher
North Country Endoscopy	-	-	-	-	-
Northeast Surgical Care	-	-	-	-	-
Northridge Surgical Suites	-	-	-	-	-
Orchard Surgical Center	143	161	88.8%	0.26	Similar
Orthopaedic Surgery Center	138	204	67.6%	0.00	Lower
Orthopaedic Surgery Center Derry	50	69	72.5%	0.00	Lower
Pain Surgery Center	-	-	-	-	-
Parkland Endoscopy Center	†	†	†	†	†
PMC Medical Group	-	-	-	-	-
Rye Surgical Center	15	23	65.2%	0.01	Lower

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ASC	HCP Vaccinated	Total HCP	% HCP Vaccinated	P-Value	ASC % Compared to State %
Stratham Ambulatory Surgery Center	40	58	69.0%	0.00	Lower
Surgery Center of Greater Nashua	†	†	†	†	†
Surgical Center of New Hampshire at Derry	16	34	47.1%	0.00	Lower
Wentworth Surgery Center	65	75	86.7%	0.84	Similar
State Total	**1,646**	**1,921**	**85.7%**	**-**	

-Facility data unavailable during this influenza season.

Influenza Vaccination Percentages: Comparison to 2023-24 Data

The overall statewide ASC HCP vaccination percentage was higher during the 2024-25 than during the 2023-24 influenza seasons (see Table 9). The analysis presented in Table 9 shows that overall, sixteen ASC had similar HCP influenza vaccination rate in the 2024-25 influenza season compared to the 2023-24 influenza season, one ASC had significantly lower HCP influenza vaccination rate in the 2024-25 influenza season compared to the 2023-24 influenza season and two ASC had significantly higher HCP influenza vaccination rate in the 2024-25 influenza season compared to the 2023-24 influenza season. Eighteen ASC could not be compared to previous seasons due to having no data reported in one of the years of comparison, data suppressed for one or both years, or closure of the facility.

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