NH DIVISION OF
Public Health Services
Department of Health and Human Services

STATE OF NEW HAMPSHIRE
LONG-TERM CARE INFLUENZA VACCINATION COVERAGE REPORT
2023-2024 INFLUENZA SEASON

January 2025

New Hampshire Department of Health and Human Services

Division of Public Health Services

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FACILITIES INCLUDED IN THIS REPORT

Applewood Center
Artaban House
Austin Home
Bedford Falls
Bedford Hills Center
Bedford Nursing and Rehabilitation Center
Belknap County Nursing Home
Bellamy Fields
Benchmark at Rye
Birch
Bridges by Epoch at Nashua
Carlyle Place
Carriage Hill Assisted Living
Coos County Nursing Hospital
Country Village Center Genesis Healthcare
Courville at Manchester
Covenant Living of Keene
Covenant Living of Keene Assisted Living
Crestwood Center
Crossroad Farm
Echo Farm
Elm Wood Center at Claremont
Epsom Healthcare Center
Evergreen Place
Exeter Rehabilitation Center
Fairview Nursing Home
Forestview Manor*
Four Winds Community-St. Oran House
Fox Meadow Retirement Home
Glencliff Home
Golden View Health Care Center
Grace House of Windham
Grafton County Nursing Home
Granite Ledges of Concord

Greystone Farm at Salem
Hackett Hill Center
Hanover Hill Health Care Center
Hanover Terrace Health and Rehabilitation Center
Harmony Homes
Harmony Homes By the Bay
Harris Hill Center Genesis Healthcare
Harvest Hill
Havenwood Heritage Heights*
Hillsborough County Nursing Home
Inn at Deerfield
Inn at Parker Station
Iona House
John H Whitaker Place Assisted Care Community
Jovis House
Keene Center Genesis Healthcare
Kendal at Hanover
Laconia Rehabilitation Center
Lafayette Center
Langdon Place of Dover
Langdon Place of Keene
Laurel Place Assisted Living
Lebanon Center Genesis Healthcare
Ledgeview-Nursing Home
Ledgeview-Supported Residential Care Facility
Ledgewood
Maple Leaf Healthcare Center
Merriman House
Mineral Springs
Morrison Nursing Home
Mountain Ridge Center Genesis Healthcare
Mountain View Community
NH Veterans Home
Oceanside Skilled Nursing & Rehabilitation

Partridge House
Pheasant Wood Center
Pleasant View Center
Poplin Way
Premier Rehab and Healthcare
Red Farm House
Ridgewood Center Genesis Healthcare
RiverMead
Riverside Rest Home
Riverwoods at Exeter
Riverwoods Durham
Riverwoods Manchester
Rochester Manor
Rockingham County Nursing Home
Rose Haven
Rose Meadow Farm
Scott-Farrar at Peterborourgh
Shinerock House
Studley Home*
Sullivan County Health Care
Taylor Home
The Arbors of Bedford
The Birches at Concord
The Boulders at RiverWoods
The Elms Center
The Huntington at Nashua
The Inn At Meredith Bay
The Residence at Back Bay-Nursing Home
The Residence at Back Bay-Supported Residential Care Facility
The Ridge at Riverwoods-Nursing Home
The Ridge at Riverwoods-Supported Residential Care Facility
Villa Crest Nursing and Retirement Center*
Vintage Hill
Warde Health Center

Watson Fields
Wayne's Place
Wentworth Home for the Aged
Wentworth Senior Living
Wolfeboro Bay Center
Woodcrest Village
Woodlawn Care Center

Note: Facilities listed above are not a comprehensive list of all the Long-Term Care Facilities in New Hampshire. A facility was omitted from this list if data was not reported, the data had errors, or the data was not reported on time.

ABBREVIATIONS USED IN THIS DOCUMENT

a-IPC	Associate Infection Prevention and Control
APIC	Association for Professionals in Infection Control and Epidemiology
CBIC	Certification Board of Infection Control and Epidemiology
CDC	U.S. Centers for Disease Control and Prevention
CIC	Certified in Infection Control
CMS	Centers for Medicare and Medicaid Services
DHHS	New Hampshire Department of Health and Human Services
HAI	Healthcare-associated infection(s)
HCP	Healthcare personnel
HHS	U.S. Department of Health and Human Services
IV	Intravenous
LNA	Licensed Nursing Assistant
LTC	Long-Term Care
LTC-CIP	Long-Term Care Certification in Infection Prevention
NH	New Hampshire
NHHCQAC	New Hampshire Health Care Quality Assurance Commission
NHSN	National Healthcare Safety Network
NQF	National Quality Forum
RSA	Revised Statutes Annotated
TAW	Healthcare-Associated Infections Technical Advisory Workgroup

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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. Long-Term Care facilities are required to report Healthcare Personnel Influenza Vaccination data in accordance with (RSA) 151:32-35. This report represents the seventh summary of HAI-related data reported by Long-Term Care (LTC) in NH. Healthcare personnel (HCP) can become infected with the influenza virus through contact with infected patients and can transmit influenza to patients and other HCP. Because HCP provide care to patients at high risk for complications of influenza, they should be offered influenza vaccine each year. In accordance with RSA 151: 9-b, HCP vaccination monitored in Long-Term Care settings since 2006. Compared with acute care facilities, these types of facilities have the lowest vaccination percentage. The overall Influenza vaccination rate for Long-Term Care Facilities during the 2023-2024 season was 50.1%. Likewise, Long-Term Care facilities typically report more influenza-related clusters and outbreaks than other healthcare settings.

Healthcare-Associated Infections in New Hampshire Long-Term Care Facilities

All LTC Facilities are required to report in accordance with RSA 151:32-35. New Hampshire licenses Long Term Care in four categories, Community Residence, Assisted Living Residence - Residential Care Facility, Supported Residential Healthcare Facility, and Nursing Home. The New Hampshire Veterans Home is also identified within RSA 151:32-35 and is included in this report as a Nursing Home.

Influenza Vaccination Coverage in Long-Term Care Healthcare Personnel

LTC licensed at any point during the 2023-24 influenza season were required to report healthcare personnel (HCP) influenza vaccination percentages. In the 2022-23 Flu season, due to the COVID-19 global pandemic, not all LTC reported their vaccination percentages. As a result, the HAI Program directed facilities to prioritize COVID-19 prevention activities over reporting influenza data. While this was not explicitly repeated for the 2023-24 influenza season, it is reasonable to say that LTC remained focused on these efforts during the 2023-24 season.

COVID-19 Limitations

In response to the COVID-19 pandemic, many state and local health resources were reassigned to support COVID-19 containment and mitigation. The NH HAI Program was also redirected and remains heavily involved with outbreak response in healthcare settings, due to staff expertise in conducting infection control assessments. Many healthcare facilities statewide had to prioritize and reduce surveillance activities that were unrelated to COVID-19. Due to these factors and prioritizing COVID-19 activities, many of the standard data collection and validation activities for this report were limited, unable to be completed, or delayed. Though the Covid-19 Public Health emergency has ended, there is still the potential for incomplete data in some areas and reporting errors.

National Healthcare Safety Network (NHSN) LTC Module

NHSN implemented a module for Healthcare Personnel (HCPs) called the Healthcare Personnel Safety Component (HCPSC). The HCPSC allows all healthcare facilities to report mandated, as well as optional measures, by using one web-based secure reporting system. This system contains two distinct modules: Influenza Vaccination Reporting and Covid-10 Vaccination Reporting.

All data presented in this report is mandated by the State of New Hampshire RSA 151:32-35. Facilities have the option to report additional information into NHSN based of the facility's individual needs.

Conclusion

This is the seventh report of NH LTC 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 may be used by healthcare facilities to identify areas for improvement as well as by healthcare consumers to make informed healthcare decisions.

I. INTRODUCTION

A. Purpose

This report represents the seventh summary of healthcare-associated infection (HAI)-related data reported by hospitals in New Hampshire (NH) during calendar year 2023. This report can be used by healthcare facilities in the state to identify areas for improvement as well by healthcare consumers to make informed healthcare decisions.

B. Audience

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

C. How to Use this Document

This document includes aggregate data reported by all licensed LTC in NH. The document consists of six sections:

I) Introduction
II) Surveillance methods
III) Statewide data
   a. Overall NH data in LTC
   b. Percentage of HCP receiving influenza vaccination
   c. Percentage of HCP receiving influenza vaccination
IV) Conclusions
V) Appendices
   a. Technical notes
   b. Influenza vaccination survey questions, 2023-24 season
   c. Understanding the relationship between HAI comparison metrics

Please contact the NH Department of Health and Human Services (DHHS) Healthcare-Associated Infections Program (603-271-4496) with any questions about the content or how to use this document.

D. 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, ASC, dialysis, LTC in a publicly accessible forum. The bill did not identify funding to carry out these activities, mandatory reporting was not fully implemented until January 2009.
DHHS, with consideration of the law, required that eligible LTC report the following measures:

- Influenza vaccination in HCP (via NHSN and DHHS web survey). All LTC are required to report influenza vaccination in HCP.

E. State of New Hampshire Healthcare-Associated Infections Plan

In response to increasing concerns about the public health impact of HAI, the U.S. Department of Health and Human Services (HHS) developed its "Action Plan to Prevent Healthcare-Associated Infections" (HHS Action Plan) in 2009. The HHS Action Plan includes recommendations for surveillance, research, communication, and metrics for measuring progress toward national goals. In a concurrent development, the 2009 Omnibus Appropriations Act was developed. This act required states receiving Preventive Health and Health Services Block Grant funds to certify that they would submit a plan to reduce HAI to the Secretary of HHS not later than January 1, 2010. In order to assist states in responding within the short timeline required by that language and to facilitate coordination with national HAI prevention efforts, CDC provided a template to assist state planning efforts in the prevention of HAI. The template targeted four areas: 1) Development or Enhancement of HAI Program Infrastructure; 2) Surveillance, Detection, Reporting, and Response; 3) Prevention; and 4) Evaluation, Oversight, and Communication. In 2009, DHHS drafted a State HAI Plan and submitted it to HHS.

F. Overview of Healthcare-Associated Infections Prevention Efforts

DHHS participates in statewide prevention activities through the NH Health Care Quality Assurance Commission (NHHCQAC), on which the Division of Public Health Services Director serves. DHHS is active in various projects coordinated by the NHHCQAC and the CMS Quality Innovation Network-Quality Improvement Organization (QIN-QIO). Major statewide initiatives through these organizations have included hand hygiene campaigns, patient safety checklists, and programs to prevent BSI, antimicrobial resistance, and *Clostridioides difficile*. Additionally, the Foundation for Healthy Communities received a large grant through the Partnership for Patients program to conduct additional large, statewide prevention initiatives. For additional information on these various efforts, the following websites may be helpful:

New Hampshire Health Care Quality Assurance Commission:
NH Health Care Quality and Patient Safety Commission - FHC (healthynh.org)

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/

II. SURVEILLANCE METHODS

A. 2023 Healthcare-Associated Infections Reporting Requirements for New Hampshire LTC

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 2012-2023 included the following required measures for LTC:

- Influenza vaccination for HCP

B. Accuracy of Reported Healthcare-Associated Infections Surveillance Data

Formal external data validation activities have not been performed on this data. However, data reconciliation has been performed through internal review and confirmation by reporting partners. Data submitted to the HAI Program undergoes an internal review as part of the quality assurance process. HAI contacts facilities if there are any questions regarding data presentation, accuracy, or other related issues. External data validation plans are in development and set for implementation in future editions of this report.

C. 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 entire U.S., it offers already developed and accepted surveillance definitions and methods, it 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.

D. Influenza Vaccination Percentage Monitoring

HCP may become infected with the influenza virus through contact with infected patients and can transmit influenza to patients and other HCP. Despite documented benefits of HCP influenza vaccination on patient outcomes and HCP absenteeism, vaccination coverage among HCP remains low nationally. A CDC survey showed HCP influenza vaccination coverage to be low, nationally, at 78.8% over the 2017-18 Influenza Season[1]. A similar study was done for the 2022-2023 season where it showed HCP Influenza Vaccination Coverage was 75.9%. Long-Term Care facilities had the lowest rate of Influenza vaccination among HCP during the 2022-2023 season. This study found that only 28.1% of HCP surveyed were vaccinated for Influenza during the 2022-2023 season[2]. HCP should be offered influenza vaccination yearly because they provide care to patients at high risk for complications related to influenza. Currently, there are no regulations

requiring vaccination in NH, and HCP are free to decline vaccination for any reason. However, some LTC do have policies requiring mandatory HCP vaccination.

All LTC are required to report HCP vaccination aggregate data directly to DHHS via an online survey that is provided to facilities or through NHSN with a DHHS supplemental online survey. See Appendix 2 for the 2022-2023 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, 2023 and March 31, 2024, by the total number of HCP immunized against influenza for the 2023-24, influenza season.

Limitations for influenza vaccination monitoring:

- The survey asks for the total number of HCP vaccinated. This may not reflect the number of HCP to whom the vaccine was offered. LTC may vary in the refusal rate for vaccination among HCP and the reasons for such refusal. Additionally, some HCP may not be eligible to receive the vaccine. The survey attempted to assess why unvaccinated HCP did not receive the vaccine, however, not all LTC were able to report this information.
- The 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).
- Vaccination status is not available by location where the vaccination was received (e.g., at the reporting facility or elsewhere).
- Data collection techniques at LTC may vary from season to season, potentially affecting comparison of data. DHHS continues to work towards improving the validity and utility of this measure in order to eliminate issues that pose problems for such comparison.
- Some LTC have very few HCP and may be unable to achieve a vaccination percentage significantly higher than the State percentage, due to sparse data. In these situations, data has been suppressed to maintain privacy.

III. STATEWIDE DATA

A. Influenza Vaccination Percentages

Table 1 below shows the total number of HCP and the number of HCP vaccinated against seasonal influenza at each LTC during the 2023-24 influenza season. Vaccination rates by LTC facility ranged from 0% to 100%. Overall, LTC facilities had a total of 50.1% of HCP vaccinated. Figure 1 below depicts HCP influenza vaccination percentages since Fall 2018. Vaccination coverage by year ranged from 37.8% to 68.5%. The overall State vaccination percentage for the 2023-24 season was 50.1%.

Table 1. Influenza vaccination percentages for HCP by all LTC, 2023-2024 influenza season, Oct 1, 2023-Mar 31, 2024

Long-Term Care Facility	HCP Vaccinated	Total HCP	% HCP Vaccinated	95% Confidence Interval	LTC % Compared to State %
Applewood Center	95	169	56.2	48.7 , 63.6	Similar
Artaban House	†	†	†	†	†
Austin Home	†	†	†	†	†
Bedford Falls	28	99	28.3	20.1 , 37.7	Lower
Bedford Hills Center	107	142	75.4	67.8 , 81.9	Higher
Bedford Nursing and Rehabilitation Center	71	160	44.4	36.8 , 52.1	Similar
Belknap County Nursing Home	113	145	77.9	70.6 , 84.1	Higher
Bellamy Fields	32	77	41.6	31.0 , 52.8	Similar
Benchmark at Rye	12	120	10.0	5.5 , 16.4	Lower
Birch	†	†	†	†	†
Bridges by Epoch at Nashua	54	86	62.8	52.2 , 72.5	Higher
Carlyle Place	27	83	32.5	23.1 , 43.1	Lower
Carriage Hill Assisted Living	8	64	12.5	6.0 , 22.4	Lower
Coos County Nursing Hospital	60	175	34.3	27.5 , 41.6	Lower
Country Village Center Genesis Healthcare	114	136	83.8	76.9 , 89.3	Higher
Courville at Manchester	207	250	82.8	77.7 , 87.1	Higher
Covenant Living of Keene	87	140	62.1	53.9 , 69.9	Higher
Covenant Living of Keene Assisted Living	88	142	62.0	53.8 , 69.7	Higher
Crestwood Center	42	83	50.6	39.9 , 61.2	Similar
Crossroad Farm	†	†	†	†	†
Echo Farm	†	†	†	†	†

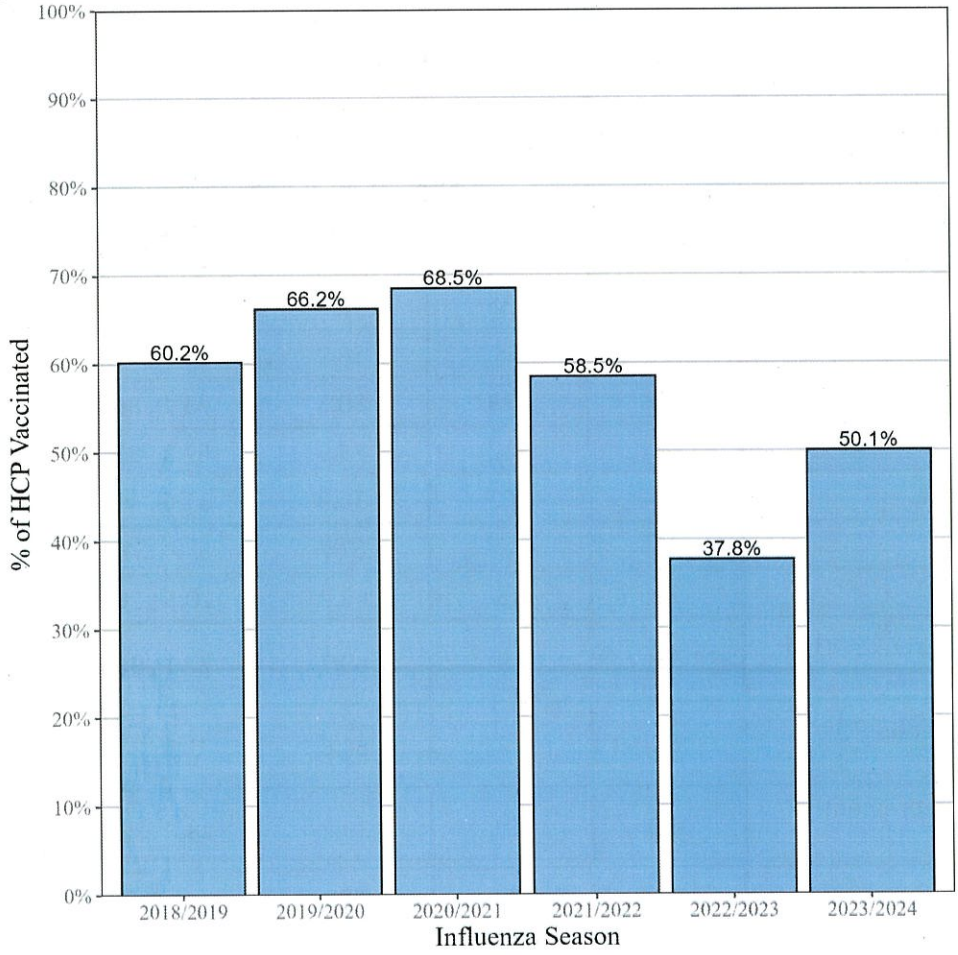
Long-Term Care Facility	HCP Vaccinated	Total HCP	% HCP Vaccinated	95% Confidence Interval	LTC % Compared to State %
Elm Wood Center at Claremont	65	159	40.9	33.4 , 48.7	Lower
Epsom Healthcare Center	72	160	45.0	37.4 , 52.8	Similar
Evergreen Place	28	28	100.0	89.9 , 100.0	Higher
Exeter Rehabilitation Center	61	151	40.4	32.8 , 48.4	Lower
Fairview Nursing Home	162	189	85.7	80.2 , 90.2	Higher
Forestview Manor*	35	64	54.7	42.4 , 66.5	Similar
Four Winds Community-St. Oran House	†	†	†	†	†
Fox Meadow Retirement Home	†	†	†	†	†
Glencliff Home	17	131	13.0	8.0 , 19.6	Lower
Golden View Health Care Center	60	142	42.3	34.3 , 50.5	Similar
Grace House of Windham	18	40	45.0	30.2 , 60.5	Similar
Grafton County Nursing Home	101	248	40.7	34.7 , 46.9	Lower
Granite Ledges of Concord	76	88	86.4	78.0 , 92.4	Higher
Greystone Farm at Salem	50	90	55.6	45.2 , 65.6	Similar
Hackett Hill Center	56	314	17.8	13.9 , 22.4	Lower
Hanover Hill Health Care Center	235	408	57.6	52.8 , 62.3	Higher
Hanover Terrace Health and Rehabilitation Center	106	124	85.5	78.4 , 90.9	Higher
Harmony Homes	†	†	†	†	†
Harmony Homes By the Bay	36	63	57.1	44.7 , 68.9	Similar
Harris Hill Center Genesis Healthcare	32	48	66.7	52.5 , 78.9	Higher
Harvest Hill	111	111	100.0	97.3 , 100.0	Higher
Havenwood Heritage Heights*	244	303	80.5	75.8 , 84.7	Higher
Hillsborough County Nursing Home	554	817	67.8	64.5 , 70.9	Higher
Inn at Deerfield	17	43	39.5	25.8 , 54.6	Similar
Inn at Parker Station	†	†	†	†	†
Iona House	†	†	†	†	†
John H Whitaker Place Assisted Care Community	4	49	8.2	2.6 , 18.5	Lower
Jovis House	†	†	†	†	†
Keene Center Genesis Healthcare	86	127	67.7	59.2 , 75.4	Higher
Kendal at Hanover	239	361	66.2	61.2 , 70.9	Higher
Laconia Rehabilitation Center	127	148	85.8	79.5 , 90.8	Higher

Long-Term Care Facility	HCP Vaccinated	Total HCP	% HCP Vaccinated	95% Confidence Interval	LTC % Compared to State %
Lafayette Center	6	82	7.3	3.0 , 14.6	Lower
Langdon Place of Dover	86	96	89.6	82.2 , 94.6	Higher
Langdon Place of Keene	103	244	42.2	36.1 , 48.5	Lower
Laurel Place Assisted Living	†	†	†	†	†
Lebanon Center Genesis Healthcare	128	183	69.9	63.0 , 76.3	Higher
Ledgeview-Nursing Home	45	57	78.9	67.0 , 88.1	Higher
Ledgeview-Supported Residential Care Facility	57	63	90.5	81.2 , 96.1	Higher
Ledgewood	†	†	†	†	†
Maple Leaf Healthcare Center	74	161	46.0	38.4 , 53.7	Similar
Merriman House	69	69	100.0	95.8 , 100.0	Higher
Mineral Springs	51	184	27.7	21.6 , 34.5	Lower
Morrison Nursing Home	110	142	77.5	70.0 , 83.8	Higher
Mountain Ridge Center Genesis Healthcare	66	156	42.3	34.7 , 50.2	Similar
Mountain View Community	88	287	30.7	25.5 , 36.2	Lower
NH Veterans Home	97	312	31.1	26.1 , 36.4	Lower
Oceanside Skilled Nursing & Rehabilitation	67	274	24.5	19.6 , 29.8	Lower
Partridge House	32	40	80.0	65.5 , 90.3	Higher
Pheasant Wood Center	68	124	54.8	46.0 , 63.4	Similar
Pleasant View Center	17	312	5.4	3.3 , 8.4	Lower
Poplin Way	90	110	81.8	73.8 , 88.2	Higher
Premier Rehab and Healthcare	101	419	24.1	20.2 , 28.4	Lower
Red Farm House	†	†	†	†	†
Ridgewood Center Genesis Healthcare	71	148	48.0	40.0 , 56.0	Similar
RiverMead	185	306	60.5	54.9 , 65.8	Higher
Riverside Rest Home	137	431	31.8	27.5 , 36.3	Lower
Riverwoods at Exeter	83	118	70.3	61.6 , 78.1	Higher
Riverwoods Durham	113	169	66.9	59.5 , 73.7	Higher
Riverwoods Manchester	37	84	44.0	33.7 , 54.8	Similar
Rochester Manor	92	270	34.1	28.6 , 39.9	Lower
Rockingham County Nursing Home	271	593	45.7	41.7 , 49.7	Similar
Rose Haven	12	28	42.9	25.7 , 61.4	Similar

Long-Term Care Facility	HCP Vaccinated	Total HCP	% HCP Vaccinated	95% Confidence Interval	LTC % Compared to State %
Rose Meadow Farm	3	25	12.0	3.1 , 29.3	Lower
Scott-Farrar at Peterborourgh	18	60	30.0	19.4 , 42.4	Lower
Shinerock House	†	†	†	†	†
Studley Home*	10	26	38.5	21.5 , 57.9	Similar
Sullivan County Health Care	120	233	51.5	45.1 , 57.9	Similar
Taylor Home	31	33	93.9	81.4 , 99.0	Higher
The Arbors of Bedford	76	235	32.3	26.6 , 38.5	Lower
The Birches at Concord	24	65	36.9	25.9 , 49.1	Lower
The Boulders at Riverwoods	107	133	80.5	73.1 , 86.5	Higher
The Elms Center	85	112	75.9	67.3 , 83.1	Higher
The Huntington at Nashua	63	162	38.9	31.6 , 46.6	Lower
The Inn at Fairview	42	62	67.7	55.4 , 78.5	Higher
The Inn At Meredith Bay	19	45	42.2	28.5 , 56.9	Similar
The Residence at Back Bay-Supported Residential Care Facility	35	39	89.7	77.1 , 96.7	Higher
The Ridge at Riverwoods-Supported Residential Care	67	79	84.8	75.6 , 91.5	Higher
Villa Crest Nursing and Retirement Center*	130	391	33.2	28.7 , 38.0	Lower
Vintage Hill	†	†	†	†	†
Warde Health Center	38	97	39.2	29.8 , 49.1	Lower
Watson Fields	12	92	13.0	7.3 , 21.1	Lower
Wayne's Place	†	†	†	†	†
Wentworth Home for the Aged	14	34	41.2	25.7 , 58.1	Similar
Wentworth Senior Living	33	85	38.8	28.9 , 49.5	Similar
Wolfeboro Bay Center	53	186	28.5	22.4 , 35.3	Lower
Woodcrest Village	33	51	64.7	50.9 , 76.9	Higher
Woodlawn Care Center	38	79	48.1	37.3 , 59.1	Similar
State Total	**7,210**	**14,400**	**50.1**	**49.3 , 50.9**	**Similar**

† Data are not shown for facilities reporting less than 20 total HCP.

Figure 1. Statewide influenza vaccination percentages for LTC HCP by influenza season 2018-10 through 2023-24



Note: Influenza season represents data for HCP between October 1st and March 31st the following calendar year.

B. Influenza Vaccination Percentages: Comparison to 2022-23 Data

The overall statewide LTC HCP vaccination percentage was lower in the 2022-23 influenza season than the 2023-24 influenza season (see Table 2). The analysis presented in Table 2 shows that, overall, nine LTC had higher HCP influenza vaccination rates, sixteen LTC had similar HCP influenza vaccination rates, and five LTC had lower HCP influenza vaccination rates in the 2023-24 influenza season compared to the 2022-23 influenza season. Eighty-five LTC could not be compared to previous seasons due to having no data reported in one of the years of comparison or closure of the facility.

Table 2. Influenza vaccination percentages for HCP by all LTC, comparison between 2022-23 and 2023-24 influenza season

Long-Term Care Facility	% HCP Vaccinated 2022-2023	95% Confidence Interval 2022-2023	% HCP Vaccinated 2023-2024	95% Confidence Interval 2023-2024	2022-2023 Compared to 2023-2024
Applewood Center	-	-	56.2	48.7 , 63.6	-
Artaban House	†	†	†	†	†
Assisted Living at Sugar Hill	80.0	67.9 , 89.0	-	-	-
Austin Home	-	-	†	†	-
Bedford Falls	22.2	15.4 , 30.4	28.3	20.1 , 37.7	Similar
Bedford Hills Center	-	-	75.4	67.8 , 81.9	-
Bedford Nursing and Rehabilitation Center	-	-	44.4	36.8 , 52.1	-
Belknap County Nursing Home	-	-	77.9	70.6 , 84.1	-
Bellamy Fields	13.9	7.3 , 23.4	41.6	31.0 , 52.8	Higher
Benchmark at Rye	65.6	53.4 , 76.5	10.0	5.5 , 16.4	Lower
Benchmark Senior Living at Nashua Crossings	42.9	32.6 , 53.6	-	-	-
Birch	-	-	†	†	-
Bowman Place of Olde Bedford	3.6	0.9 , 9.4	-	-	-
Bridges by Epoch at Nashua	91.3	84.2 , 95.9	62.8	52.2 , 72.5	Lower
Brookdale Spruce Wood	54.1	38.0 , 69.5	-	-	-
Carlyle Place	-	-	32.5	23.1 , 43.1	-
Carriage Hill Assisted Living	65.9	51.1 , 78.7	12.5	6.0 , 22.4	Lower
Cedar Healthcare Center	†	†	-	-	-
Colonial Fox Den	†	†	-	-	-
Coos County Nursing Hospital	-	-	34.3	27.5 , 41.6	-
Country Village Center Genesis Healthcare	-	-	83.8	76.9 , 89.3	-
Courville at Manchester	-	-	82.8	77.7 , 87.1	-
Covenant Living of Keene	-	-	62.1	53.9 , 69.9	-
Covenant Living of Keene Assisted Living	-	-	62.0	53.8 , 69.7	-
Crestwood Center	-	-	50.6	39.9 , 61.2	-
Crossroad Farm	†	†	†	†	†
Echo Farm	†	†	†	†	†
Elm Wood Center at Claremont	-	-	40.9	33.4 , 48.7	-

Long-Term Care Facility	% HCP Vaccinated 2022-2023	95% Confidence Interval 2022-2023	% HCP Vaccinated 2023-2024	95% Confidence Interval 2023-2024	2022-2023 Compared to 2023-2024
Epsom Healthcare Center	10.3	6.3 , 15.7	45.0	37.4 , 52.8	Higher
Ernest P. Barka Assisted Living	33.3	18.3 , 51.4	-	-	-
Evergreen Place	39.1	25.9 , 53.7	100.0	89.9 , 100.0	Higher
Exeter Rehabilitation Center	-	-	40.4	32.8 , 48.4	-
Fairview Nursing Home	-	-	85.7	80.2 , 90.2	-
Forestview Manor*	-	-	54.7	42.4 , 66.5	-
Four Winds Community-St. Oran House	†	†	†	†	†
Fox Meadow Retirement Home	†	†	†	†	†
Glencliff Home	-	-	13.0	8.0 , 19.6	-
Golden View Health Care Center	53.3	42.0 , 64.4	42.3	34.3 , 50.5	Similar
Grace House of Windham	46.4	28.8 , 64.8	45.0	30.2 , 60.5	Similar
Grafton County Nursing Home	-	-	40.7	34.7 , 46.9	-
Granite Ledges of Concord	-	-	86.4	78.0 , 92.4	-
Greystone Farm at Salem	22.2	14.5 , 31.7	55.6	45.2 , 65.6	Higher
Hackett Hill Center	-	-	17.8	13.9 , 22.4	-
Hanover Hill Health Care Center	-	-	57.6	52.8 , 62.3	-
Hanover Terrace Health and Rehabilitation Center	-	-	85.5	78.4 , 90.9	-
Harmony Homes	†	†	†	†	†
Harmony Homes By the Bay	72.5	62.7 , 80.9	57.1	44.7 , 68.9	Similar
Harris Hill Center Genesis Healthcare	-	-	66.7	52.5 , 78.9	-
Harvest Hill	-	-	100.0	97.3 , 100.0	-
Havenwood Heritage Heights*	-	-	80.5	75.8 , 84.7	-
Hillsborough County Nursing Home	-	-	67.8	64.5 , 70.9	-
Inn at Deerfield	38.5	24.3 , 54.3	39.5	25.8 , 54.6	Similar
Inn at Parker Station	†	†	†	†	†
Iona House	†	†	†	†	†
John H Whitaker Place Assisted Care Community	-	-	8.2	2.6 , 18.5	-
Jovis House	†	†	†	†	†
Keene Center Genesis Healthcare	-	-	67.7	59.2 , 75.4	-
Kendal at Hanover	-	-	66.2	61.2 , 70.9	-

Long-Term Care Facility	% HCP Vaccinated 2022-2023	95% Confidence Interval 2022-2023	% HCP Vaccinated 2023-2024	95% Confidence Interval 2023-2024	2022-2023 Compared to 2023-2024
Laconia Rehabilitation Center	-	-	85.8	79.5 , 90.8	-
Lafayette Center	-	-	7.3	3.0 , 14.6	-
Langdon Place of Dover	-	-	89.6	82.2 , 94.6	-
Langdon Place of Keene	-	-	42.2	36.1 , 48.5	-
Laurel Place Assisted Living	†	†	†	†	†
Lebanon Center Genesis Healthcare	-	-	69.9	63.0 , 76.3	-
Ledgeview-Nursing Home	-	-	78.9	67.0 , 88.1	-
Ledgeview-Supported Residential Care Facility	-	-	90.5	81.2 , 96.1	-
Ledgewood	†	†	†	†	†
Ledgewood Bay Assisted Living and Memory Care	27.4	18.7 , 37.6	-	-	-
Maple Leaf Healthcare Center	-	-	46.0	38.4 , 53.7	-
McCoy Home for the Elderly	†	†	-	-	-
Meadow View Manor	†	†	-	-	-
Merrimack County Nursing Home	29.0	25.6 , 32.6	-	-	-
Merriman House	-	-	100.0	95.8 , 100.0	-
Mineral Springs	-	-	27.7	21.6 , 34.5	-
Morrison Nursing Home	-	-	77.5	70.0 , 83.8	-
Mountain Ridge Center Genesis Healthcare	-	-	42.3	34.7 , 50.2	-
Mountain View Community	-	-	30.7	25.5 , 36.2	-
Myrtle Manor II	†	†	-	-	-
NH Veterans Home	-	-	31.1	26.1 , 36.4	-
Oceanside Skilled Nursing & Rehabilitation	-	-	24.5	19.6 , 29.8	-
Partridge House	21.1	10.3 , 36.1	80.0	65.5 , 90.3	Higher
Peaceful Harvest Homes	†	†	-	-	-
Pheasant Wood Center	-	-	54.8	46.0 , 63.4	-
Pleasant View Center	-	-	5.4	3.3 , 8.4	-
Poplin Way	-	-	81.8	73.8 , 88.2	-
Premier Rehab and Healthcare	-	-	24.1	20.2 , 28.4	-
Pyareo Home	†	†	-	-	-

Long-Term Care Facility	% HCP Vaccinated 2022-2023	95% Confidence Interval 2022-2023	% HCP Vaccinated 2023-2024	95% Confidence Interval 2023-2024	2022-2023 Compared to 2023-2024
Red Farm House	†	†	†	†	†
Ridgewood Center Genesis Healthcare	-	-	48.0	40.0 , 56.0	-
Riverglen House	50.0	40.3 , 59.7	-	-	-
RiverMead	100.0	92.0 , 100.0	60.5	54.9 , 65.8	Lower
Riverside Rest Home	-	-	31.8	27.5 , 36.3	-
Riverwoods at Exeter	50.8	42.0 , 59.6	70.3	61.6 , 78.1	Higher
Riverwoods Durham	63.2	54.2 , 71.6	66.9	59.5 , 73.7	Similar
Riverwoods Manchester	27.0	20.6 , 34.3	44.0	33.7 , 54.8	Similar
Rochester Manor	-	-	34.1	28.6 , 39.9	-
Rockingham County Nursing Home	-	-	45.7	41.7 , 49.7	-
Rose Haven	-	-	42.9	25.7 , 61.4	-
Rose Meadow Acres	26.1	11.3 , 46.6	-	-	-
Rose Meadow Farm	16.7	5.5 , 35.5	12.0	3.1 , 29.3	Similar
Rose Meadow Garden	48.0	29.2 , 67.2	-	-	-
Scott-Farrar at Peterborourgh	11.8	5.6 , 21.1	30.0	19.4 , 42.4	Similar
Shinerock House	-	-	†	†	-
Studley Home*	16.7	5.5 , 35.5	38.5	21.5 , 57.9	Similar
Sullivan County Health Care	-	-	51.5	45.1 , 57.9	-
Taylor Home	85.7	71.1 , 94.6	93.9	81.4 , 99.0	Similar
The Arbors of Bedford	38.2	30.1 , 46.7	32.3	26.6 , 38.5	Similar
The Birches at Concord	9.4	4.7 , 16.5	36.9	25.9 , 49.1	Higher
The Boulders at Riverwoods	41.0	31.7 , 50.8	80.5	73.1 , 86.5	Higher
The Elms Center	-	-	75.9	67.3 , 83.1	-
The Huntington at Nashua	-	-	38.9	31.6 , 46.6	-
The Inn at Fairview	-	-	67.7	55.4 , 78.5	-
The Inn At Meredith Bay	54.8	39.6 , 69.2	42.2	28.5 , 56.9	Similar
The Residence at Back Bay-Supported Residential Care Facility	-	-	89.7	77.1 , 96.7	-
The Ridge at Riverwoods-Nursing Home	37.8	29.2 , 47.1	-	-	-
The Ridge at Riverwoods-Supported Residential Care	-	-	84.8	75.6 , 91.5	-

Long-Term Care Facility	% HCP Vaccinated 2022-2023	95% Confidence Interval 2022-2023	% HCP Vaccinated 2023-2024	95% Confidence Interval 2023-2024	2022-2023 Compared to 2023-2024
Villa Crest Nursing and Retirement Center*	93.7	85.4 , 98.0	33.2	28.7 , 38.0	Lower
Vintage Hill	†	†	†	†	†
Warde Health Center	57.4	44.8 , 69.3	39.2	29.8 , 49.1	Similar
Watson Fields	7.1	3.2 , 13.6	13.0	7.3 , 21.1	Similar
Wayne's Place	-	-	†	†	-
Webster at Rye	47.7	33.4 , 62.4	-	-	-
Wentworth Home for the Aged	40.0	22.4 , 59.8	41.2	25.7 , 58.1	Similar
Wentworth Senior Living	13.7	7.2 , 23.1	38.8	28.9 , 49.5	Higher
Windham Terrace	24.5	14.4 , 37.4	-	-	-
Wolfeboro Bay Center	-	-	28.5	22.4 , 35.3	-
Woodcrest Village	-	-	64.7	50.9 , 76.9	-
Woodlawn Care Center	-	-	48.1	37.3 , 59.1	-
State Total	**38.2**	**36.7 , 39.8**	**50.1**	**49.3 , 50.9**	**Higher**

† Data are not shown for facilities reporting less than 20 total HCP.

- Facility did not report any data contributing to vaccination rates during this time period.

C. Influenza Vaccination Policies for Healthcare Personnel

Figure 2 shows the difference between vaccination percentages for facilities that have influenza vaccination policies and those that do not. It was discovered through analysis of the data that the majority of LTC do not have vaccination policies written. In response, the HAI program plans to engage facilities that do not have a policy in an effort to encourage these facilities to implement a vaccination policy. This will include education for those creating and implementing policies as well as education for staff at facilities with low vaccination rates. Table 3 displays all of the LTC that reported having an influenza vaccination policy, the exemptions allowed, and consequences.

Figure 2. Influenza vaccination percentages for LTC with and without vaccination policies, 2023-24 influenza season

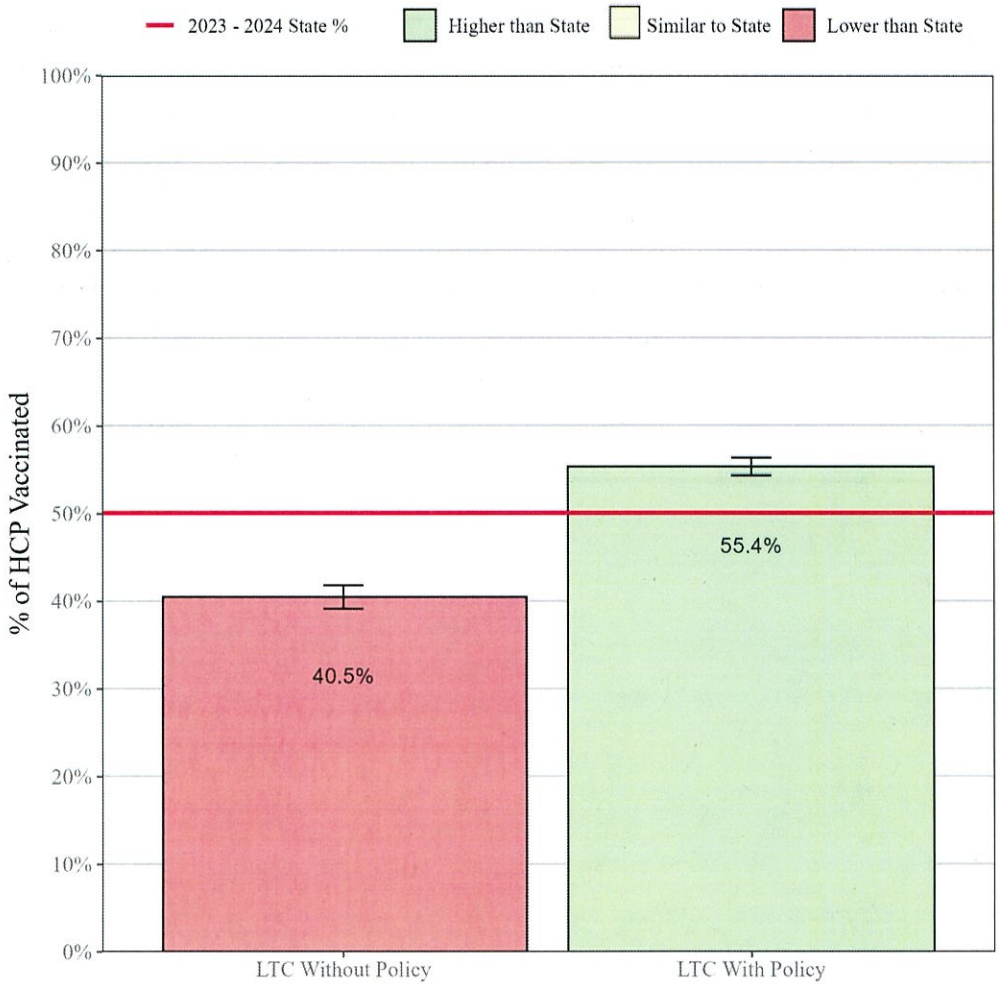


Table 3. Influenza vaccination policies and consequences for HCP by LTC, 2023-24 influenza season

Long-Term Care	Exemptions Allowed in Policy*	Requirements for Unvaccinated HCP with Accepted Exemption	Consequences for Unvaccinated HCP without Accepted Exemption
Applewood Center	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Bedford Falls	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask
Bedford Hills Center	Medical; Religious	Wear a mask	Progressive discipline, potentially including termination; Receive verbal and/or written education
Bedford Nursing and Rehabilitation Center	Medical; Religious; Personal/Philosophical	Receive verbal and/or written education	Receive verbal and/or written education
Belknap County Nursing Home	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Bridges by Epoch at Nashua	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Coos County Nursing Hospital	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Country Village Center Genesis Healthcare	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Covenant Living of Keene Assisted Living	Medical; Religious; Personal/Philosophical; Other	Receive verbal and/or written education	Receive verbal and/or written education
Crestwood Center	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Elm Wood Center at Claremont	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Evergreen Place	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Fairview Nursing Home	Medical; Religious; Personal/Philosophical; Other	Receive verbal and/or written education	Receive verbal and/or written education
Four Winds Community-St. Oran House	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Harmony Homes	Medical; Religious	Wear a mask	Wear a mask
Harmony Homes By the Bay	Medical; Religious	Receive verbal and/or written education	Wear a mask
Harris Hill Center Genesis Healthcare	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask; Receive verbal and/or written education

Long-Term Care	Exemptions Allowed in Policy*	Requirements for Unvaccinated HCP with Accepted Exemption	Consequences for Unvaccinated HCP without Accepted Exemption
Harvest Hill	Medical; Religious	Wear a mask	Progressive discipline, potentially including termination
Havenwood Heritage Heights*	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Hillsborough County Nursing Home	Medical; Religious; Personal/Philosophical; Other	Wear a mask	Wear a mask
Iona House	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Keene Center Genesis Healthcare	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Kendal at Hanover		Wear a mask	Progressive discipline, potentially including termination
Laconia Rehabilitation Center	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Lafayette Center	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Langdon Place of Dover	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask; Progressive discipline, potentially including termination; Receive verbal and/or written education
Lebanon Center Genesis Healthcare	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Ledgeview-Nursing Home	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Ledgeview-Supported Residential Care Facility	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Maple Leaf Healthcare Center	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Merriman House	Medical; Religious	Wear a mask	Progressive discipline, potentially including termination
Morrison Nursing Home	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Progressive discipline, potentially including termination; Receive verbal and/or written education
Mountain Ridge Center Genesis Healthcare	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Oceanside Skilled Nursing & Rehabilitation	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education

Long-Term Care	Exemptions Allowed in Policy*	Requirements for Unvaccinated HCP with Accepted Exemption	Consequences for Unvaccinated HCP without Accepted Exemption
Partridge House	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Pheasant Wood Center	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Poplin Way	Medical; Religious; Personal/Philosophical	Receive verbal and/or written education	Receive verbal and/or written education
Premier Rehab and Healthcare	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Riverside Rest Home	Other	Wear a mask	Wear a mask
Riverwoods Durham	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Rochester Manor	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Rose Meadow Farm	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Sullivan County Health Care	Medical	Wear a mask	Wear a mask
Taylor Home	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
The Boulders at Riverwoods	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
The Elms Center	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
The Residence at Back Bay-Supported Residential Care Facility	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
The Ridge at Riverwoods-Supported Residential Care	Medical; Religious; Personal/Philosophical	Wear a mask	Wear a mask
Villa Crest Nursing and Retirement Center*	Medical; Religious; Personal/Philosophical	Receive verbal and/or written education	Receive verbal and/or written education
Wayne's Place	Medical; Religious; Personal/Philosophical; Other	Wear a mask; Receive verbal and/or written education	Wear a mask; Receive verbal and/or written education
Wolfeboro Bay Center	Medical	Wear a mask; Receive verbal and/or written education	Wear a mask; Other
Woodlawn Care Center	Medical; Religious; Personal/Philosophical	Wear a mask; Receive verbal and/or written education	Wear a mask

* Exemptions include Medical, Religious, Personal/philosophical, and Other.
Note: All other LTC that filled out influenza reporting for the 2023-24 influenza season did not have a policy in place.

IV. CONCLUSIONS

This seventh report of LTC HAI data is an important component in the continuing process of New Hampshire's goal to eliminate HAI. This report provides a picture of selected data that facilities may use to identify areas for improvement and prevention. Additionally, the information may enable healthcare consumers to make better informed health care decisions.

Key findings described in this report include the following:

- Compliance in reporting in accordance with (RSA) 151:32-35 was higher than previous reporting years.
- The overall State rate of infection was similar to the national rate among facilities that provided data
- Vaccination coverage by LTC during the 2023-24 influenza season ranged from 0% to 100%. The overall State percentage was 50.1% during the 2023-24 influenza season. This was higher than the 2022-23 influenza season when the statewide vaccination rate was 38.2%.
- Fifty-four NH LTC had mandatory influenza vaccination policies for HCP during the 2023-24 season.

While this report is limited to only a subset of HAI, the information provided may serve as an important indicator of healthcare quality, and infection prevention efforts in NH LTC.

APPENDIX 1: Technical Notes

1. The majority of data in this report were extracted from NHSN on 10/17/2023; additional influenza vaccination data was extracted from other data sources on the same date. Changes after this date are not reflected in this report.
2. 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.
3. Statistical significance is affected by sample size. Small sample sizes are more prone to fluctuations in the data.

Process Measure Percentages

4. 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
5. Calculating a corresponding confidence interval for an influenza vaccination percentage: Confidence intervals calculated for influenza vaccination data presented in this report are mid-p exact 95% confidence intervals, which were calculated using a statistical software program. In prior reports, confidence intervals for influenza vaccination data were Wald normal approximation 95% confidence intervals, however the method of calculating these confidence intervals were changed due to the addition of several hospitals with small numbers of HCP.

6. Interpreting a proportion confidence interval for central line insertion and 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, hospital versus State) is 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.

APPENDIX 2: Influenza Vaccination Survey Questions, 2023-2024 Season

1. Background information (facility and survey respondent)
2. How many patients were admitted to your hospital between October 1, 2023 and March 31, 2024? Include all patients that were admitted to your facility during this period, even if they were admitted or moved during the influenza season.
   2a. Total number of patient admissions
   2b. Total number of patient admissions excluding readmissions
3. How many of the patients admitted to your facility between October 1, 2023 and March 31, 2024 received a seasonal influenza vaccination (at your facility or elsewhere) for the 2023-24 season? Influenza vaccine for a given influenza season may be available as early as July or August. Include all immunized patients that received the 2023-24 vaccine product, even if administered prior to October 1, 2023.
   3a. Total number of patients immunized against influenza for the 2023-24 season
   3b. Total number of patients not immunized against influenza for the 2023-24 season
4. How many of the patients admitted to your facility between October 1, 2023 and March 31, 2024 had ever received a pneumococcal disease vaccination (at your facility or elsewhere)?
5. How many HCP worked or volunteered in your facility for at least one working day between October 1, 2023 and March 31, 2024?
6. How many HCP received a seasonal influenza vaccination (at your facility or elsewhere) for the 2023-24 season? Influenza vaccine for a given influenza season may be available as early as July or August. Include all immunized HCP that received the 2023-24 vaccine product, even if administered prior to October 1, 2023.
   6a. Total number of HCP immunized against influenza for the 2023-24 season
   6b. Total number of HCP not immunized against influenza for the 2023-24 season
7. Of the HCP not immunized against influenza for the 2023-24 influenza season, how many HCP did not receive the seasonal influenza vaccine for each of the following reasons: medical contraindication, religious, other (e.g., personal/philosophical), unknown?
8. Does your facility have a seasonal influenza vaccination policy? Such a policy means that the facility requires all or some portion of HCPs working at that facility to receive a seasonal influenza vaccine. If NO, skip to item 13.
   8a. Yes, there is a policy currently in place
   8b. No, but we are considering a policy
   8c. No, and we are not considering a policy
   8d. Other
9. If your facility has a seasonal influenza vaccination policy, what reasons for exemption are acceptable (medical, religious, personal/philosophical, other)? Check all that apply.
10. 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.

11. 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.
12. 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 2023-24 influenza season (terminated, temporarily suspended, resigned, dismissed permanently)?
13. Does your facility offer the high-dose influenza vaccine?
14. Please enter any comments you would like to share.

APPENDIX 3: 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.

7. 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.
8. 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.
9. 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.
10. 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.
11. 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.
12. If you are prescribed an antibiotic for an illness, take them exactly as directed by your doctor.
    - 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.

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/ and Patient Safety: What You Can Do to Be a Safe Patient | HAI | CDC

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: Home | Agency for Healthcare Research and Quality (ahrq.gov)

The Society for Healthcare Epidemiology of America (SHEA) has several patient resources and guides. Visit their website at: SHEA – The Society for Healthcare Epidemiology of America (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: https://apic.org/consumers/patient-safety-resources/

To learn more about accreditation, certification and standards, visit the Joint Commission Website at: A Trusted Partner in Patient Care | The Joint Commission

REFERENCES

[1] CDC. Influenza Vaccination Coverage Among Health-Care Personnel – United States, 2017-18 Influenza Season. Morbidity and Mortality Weekly Report September 2018; 67(38);1050-1054. Accessed online from: Current HAI Progress Report

[2] CDC. Influenza vaccination coverage among health care personnel - United States, 2022–23 influenza season. Centers for Disease Control and Prevention. https://www.cdc.gov/flu/fluvaxview/hcp-coverage_22-23-estimates.htm

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