

2017–2018

Influenza Vaccination Coverage Report for Healthcare Personnel

Utah Department of Health
Division of Disease Control and Prevention

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Executive Summary

Influenza can cause outbreaks of severe respiratory illness among hospitalized persons and long-term care residents. Influenza outbreaks in hospitals and long-term care facilities have been associated with low vaccination rates among healthcare personnel (HCP).¹ HCP are especially at risk for exposure to influenza because they work directly with patients or handle material that could spread infection. Annual influenza vaccination for HCP has been recommended by the Centers for Disease Control and Prevention (CDC) since 1981. The Advisory Committee on Immunization Practices (ACIP) and the Utah Department of Health (UDOH) strongly support the recommendation for annual influenza immunization of HCP to reduce rates of healthcare-associated infections (HAIs). The ACIP also recommends that measures be taken to increase HCP immunization rates, and that those rates be used as a measure of the quality of a patient safety program.

Utah Administrative Rule 386-705² requires that hospitals report HCP influenza vaccination rates. Additionally, Rule R432-40³, Long-term Care Facility Immunizations, requires long-term care facilities to report the influenza immunization status of employees each year. The Utah Healthcare Infection Prevention Governance Committee* (UHIP GC) also recommends that all healthcare delivery facilities in Utah implement a policy of compulsory** annual influenza vaccination for all healthcare personnel, unless an organization has achieved a vaccination rate greater than 95% by other means.

The information in this report is collected from annual data reported by all licensed hospitals and long-term healthcare facilities on the number of HCP who were vaccinated for seasonal influenza. Data were collected from the National Healthcare Safety Network (NHSN), Utah Facility Online Reporting System (UFORS), and Long-term Care Immunization Reporting System, and are complete at the time of report generation.

The report contains the following data:

- Self-reported data to the Utah Department of Health and to the National Healthcare Safety Network by each Utah hospital required to report influenza vaccination for healthcare personnel
- Identified hospitals
- A comparison of hospital data by influenza season
- A comparison of hospital data by facility type
- A comparison of hospital data by public health district
- Self-reported data to the Utah Department of Health by each long-term care facility required to report influenza vaccination for healthcare personnel.

Influenza vaccination rates for HCP in Utah licensed hospitals have increased consistently from 75.5% for the 2008–2009 influenza season to 95.3% for the 2017–2018 influenza season. Influenza vaccination rates for HCP in long-term care facilities have increased from 46.8% for the 2008–2009 influenza season to 65.4% for the 2017–2018 influenza season.

*The Utah Healthcare Infection Prevention Governance Committee is a multi-disciplinary panel of state leaders in patient safety, infectious diseases, and infection control. Membership is comprised of a broad base of care delivery groups across the state and organized under and staffed by the Utah Department of Health.

**Employer requirement for influenza vaccination.

The UDOH and UHIP GC recognize that influenza vaccination of HCP is a critical patient safety practice and agree that compulsory influenza vaccination for HCP should be implemented and maintained in all healthcare facilities. The UDOH will continue to encourage all hospitals and long-term care facilities to achieve influenza vaccination rates for HCP of 95% or greater.

Key Findings

This report was developed by the UDOH in collaboration with the UHIP GC. The information in this report is collected from annual data reported by all licensed hospitals and all long-term care facilities on the number of HCP that were vaccinated for seasonal influenza.^{4, 5, 6} Data were collected from the National Healthcare Safety Network (NHSN), the Utah Facility Online Reporting System (UFORS), and the Utah Long-term Care Immunization Reporting System. Hospital and state-specific influenza vaccination rates were determined by collecting data on the number of HCP at each licensed hospital in Utah and the number of HCP who were vaccinated for seasonal influenza. Vaccination rates were calculated by dividing the number of HCP vaccinated by the total number of HCP.

Table 1. Influenza vaccination coverage among healthcare personnel in hospitals, Utah, 2017–2018

Hospitals reporting	Statewide HCP vaccination coverage	Range of HCP vaccination coverage by public health district	Range of HCP vaccination coverage by hospital
95.3%	95.3%	91.6%–99.0%	29.4%–100%

The UDOH does not *require* Utah hospitals to have compulsory influenza vaccination policies for HCP; however, some Utah healthcare facilities have such policies in place. Facilities implementing compulsory influenza vaccination policies for employees had higher influenza vaccination rates than those that did not.

Table 2. Compulsory influenza vaccination policies among hospitals, Utah, 2017–2018

	Hospitals with compulsory vaccination policies	Hospitals without or with unknown compulsory vaccination policies	Total number of hospitals
Hospitals with ≥95% coverage	39 (73.6%)	1 (12.5%)	40
Hospitals with <95% coverage	14 (26.4%)	7 (87.5%)	21
TOTAL	53	8	61

Table 3. Influenza vaccination coverage among healthcare personnel in long-term care facilities, Utah 2017–2018

LTCFs reporting	Statewide HCP vaccination coverage	Range of HCP vaccination coverage by public health district	Range of HCP vaccination coverage by LTCF
99.7%	65.4%	45.9%–91.4%	0–100%

Table 4. Compulsory influenza vaccination policies among long-term care facilities, Utah, 2017–2018

	LTCF with compulsory vaccination policies	LTCF without or with unknown compulsory vaccination policies	Total number of LTCF
LTCF with $\geq 95\%$ coverage	43 (58.9%)	25 (8.8%)	68
LTCF with $< 95\%$ coverage	30 (41.1%)	258 (91.2%)	288
TOTAL	73	283	356

Recommendation

The UDOH and the UHIP GC continue to recommend that all healthcare delivery facilities in Utah implement a policy of compulsory annual influenza vaccination for all HCP, unless an organization has achieved a vaccination rate greater than 95% by other means.

Notations

Throughout this report, the following notations are used to describe the comparison data in tables 7–32 for each public health district.

Licensed Hospitals or Licensed Long-term Care Facilities (LTCF)**

Utah licensed hospitals include: acute care, long-term acute care, critical access, rehabilitation, psychiatric, children's, and government hospitals. Long-term care facilities include: assisted living types I and II, hospitals, nursing care and small health care facilities.

Number of HCP¹

Total number of healthcare personnel employed in the licensed hospital or long-term care facility.

Vaccinated HCP²

Total number of healthcare personnel employed in the licensed hospital or long-term care facility who received the influenza vaccine during the 2017–2018 influenza season.

Vaccination percentage³

Vaccination coverage levels of healthcare personnel who received influenza vaccine during 2017–2018 influenza season.

The **red line** on tables in each health district indicates facilities falling below 95% vaccination coverage.

Introduction



Influenza is a contagious respiratory illness caused by influenza viruses. It can cause mild to severe illness and can result in hospitalization or death. Some people, such as older people, young children, and people with certain health conditions, are at high risk for serious influenza complications. More than 200,000 persons, on average, are hospitalized each year for influenza-related complications in the U.S. Healthcare-associated influenza infections can occur in any healthcare setting and are most common when influenza is also circulating in the community.⁷ The best way to prevent influenza is by getting vaccinated each year.

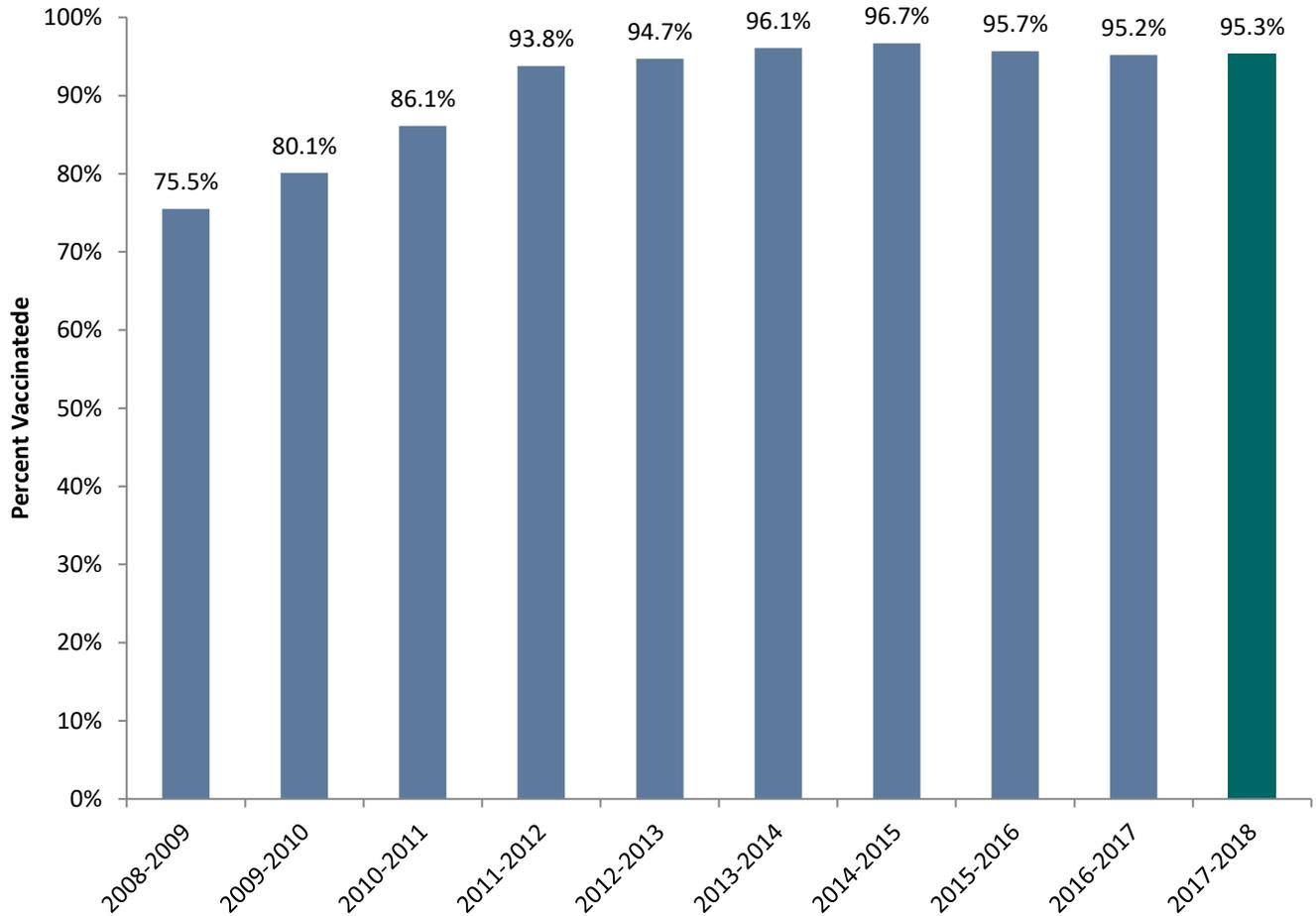
Influenza is also one of the leading causes of employee absences, causing millions of lost workdays and lost wages. Some estimates suggest that 10–12% of all employee absences are due to employees contracting the influenza virus. Each infected employee might miss up to six days of work and need up to two weeks to make a full recovery. Additional considerations include costs related to lowered productivity when ill employees are at work, slowed projects, or wages and training needed for temporary workers. Many employees also miss work to care for ill family members. The more children get sick, the greater the likelihood that employees will miss work or unknowingly become a carrier of the virus, spreading it at the workplace. The end result means seasonal influenza is a costly disease to patients, employers, and society in terms of direct and indirect medical costs and lost productivity.⁸

Healthcare personnel (HCP) are especially at risk for exposure to influenza because they work directly with patients or handle material that could spread infection. Annual influenza vaccination was first recommended for healthcare workers by the Advisory Committee on Immunization Practices in 1984. Annual influenza vaccination for HCP is recommended by several national organizations, such as the Centers for Disease Control and Prevention (CDC), Infectious Disease Society of America (ISDA), American Academy of Pediatrics (AAP), American Hospital Association (AHA), and the Association for Professionals in Infection Control and Epidemiology (APIC), to reduce the likelihood HCP will get or spread influenza. Many of these same organizations support *mandatory* influenza vaccination policies for HCP. HCP can protect themselves, their patients, and family members by getting vaccinated. Vaccination of HCP can specifically benefit patients who cannot receive vaccination (i.e., infants aged <6 months or those with severe allergic reactions to prior influenza vaccination), patients who respond poorly to vaccination (i.e., persons aged >85 years and immune-compromised persons), and persons for whom antiviral treatment is not available (i.e., persons with medical contraindications).

Influenza vaccination of HCP is a critical patient safety practice that should be required in all healthcare facilities. Clinical evidence clearly shows HCP influenza vaccination reduces patient infections and deaths. Healthcare facilities that have adopted such policies have shown dramatic improvements in HCP vaccination rates.⁹ The UDOH and the UHIP GC continue to support the position that patients should reasonably be able to expect that they will not contract potentially life-threatening illnesses, such as influenza, from their healthcare providers while being treated for other conditions.

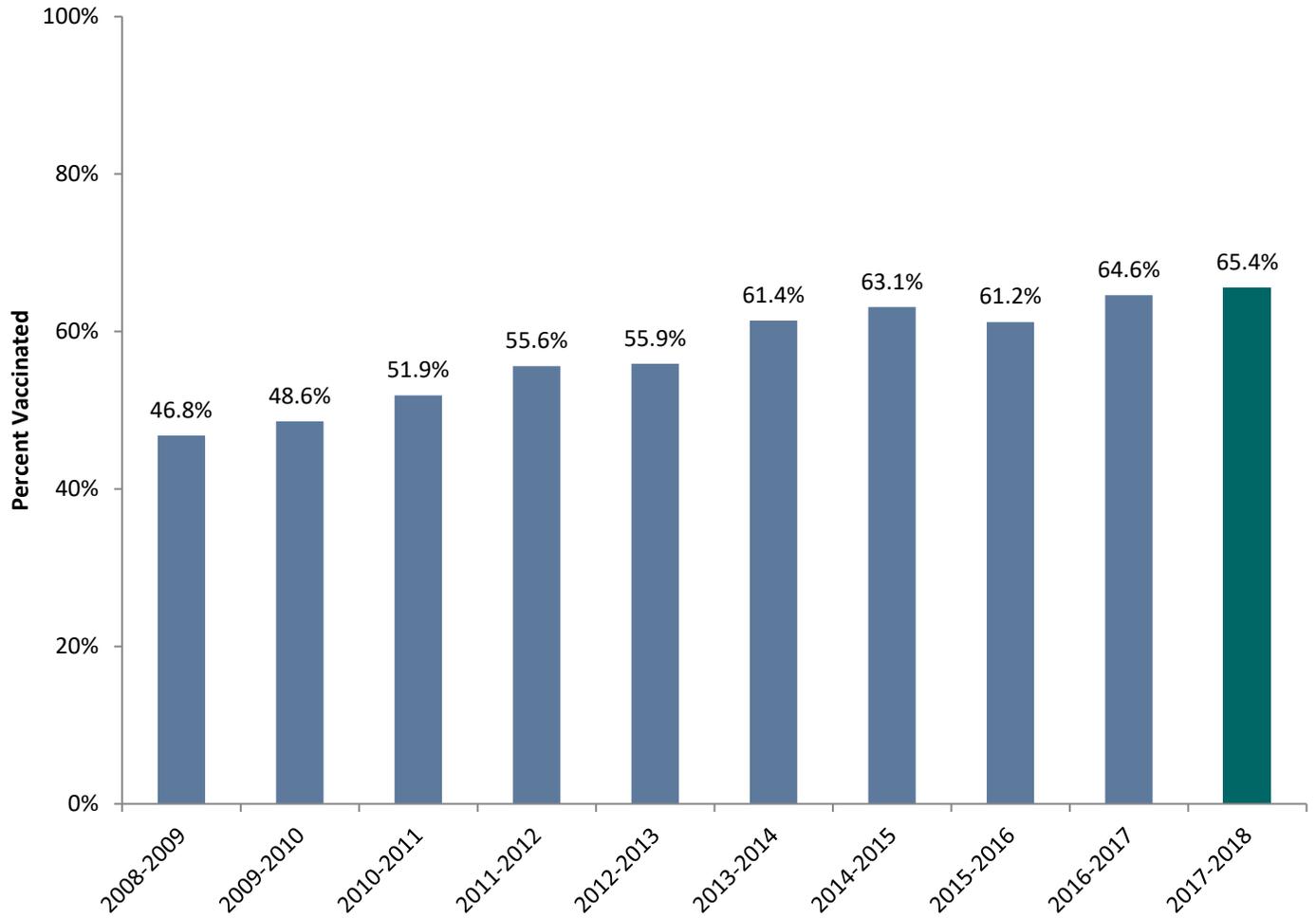
Influenza Vaccination Coverage by Influenza Season

Figure 1. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by influenza season, Utah, 2008–2018*



***NOTE:** In previous reports, influenza vaccination coverage rates for healthcare personnel in licensed hospitals from 2008–2009 through 2011–2012 were reported as an average vaccination percentage across all Utah hospitals, rather than as an overall state percentage. This graph reflects the adjusted percentages with influenza seasons from 2008–2009 through 2017–2018 reported as an overall state percentage.

Figure 2. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by influenza season, Utah, 2008–2018



Influenza Vaccination Coverage by Facility Type

Table 5. Influenza vaccination coverage for healthcare personnel in licensed hospitals by facility type, Utah, 2017–2018 influenza season

	Number of hospitals	Average HCP vaccination percentage	Range of vaccination percentages
Acute care hospitals	35	96.6%	73.2%–100%
Children’s hospitals	2	97.6%	97.5%–99.3%
Critical access hospitals	11	95.1%	82.2%–100%
Federal hospital	1	68.9%	68.9%–68.9%
Long-term acute care hospitals	4	95.5%	71.0%–100%
Psychiatric hospitals	9	91.7%	29.4%–99.3%
Rehabilitation hospitals	2	95.7%	93.8%–98.1%

Table 6. Influenza vaccination coverage for healthcare personnel in long-term care facilities by facility type, Utah, 2017–2018 influenza season

	Total	Average HCP vaccination percentage	Range of vaccination percentages
Assisted living – Type I	75	48.2%	5.0%–100%
Assisted living – Type II	148	48.4%	7.5%–100%
Hospital	14	97.9%	89.2%–100%
Intermediate care facility	1	55.6%	55.6%–55.6%
Nursing care facility	105	69.1%	3.7%–100%
Skilled nursing	5	90.1%	59.6%–99.0%
Small healthcare facility	8	52.1%	0–72.7%

Influenza Vaccination Coverage for Healthcare Personnel in Licensed Hospitals and Long-term Care Facilities by Public Health District



Bear River Health District (Box Elder, Cache, Rich counties)

Table 7. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Bear River, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	2,209	2,142	97.0%	
Logan Regional Medical Center	1,299	1,272	97.9%	Yes
Cache Valley Specialty Hospital	400	391	97.8%	Yes
Brigham City Community Hospital	172	165	95.9%	Yes
Bear River Valley Hospital	338	314	92.9%	Yes

Table 8. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Bear River, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	1,147	695	60.6%	
Logan Regional Hospital Transitional Care Unit	22	22	100.0%	Yes
Pioneer Care Center	56	56	100.0%	Yes
Willow Glen Health and Rehab	60	60	100.0%	Yes
Mission at Bear River Rehabilitation Center	30	29	96.7%	No
Beehive Homes of Perry	23	20	87.0%	No
Rocky Mountain Care Logan	98	81	82.7%	No
Legacy House of Logan Assisted Living	72	56	77.8%	No
Beehive Homes of Logan	15	11	73.3%	No
Autumn Care Living Center II	49	34	69.4%	No
Autumn Care Living Center	49	34	69.4%	No
Gables of North Logan Assisted Living	15	10	66.7%	No
Maple Springs	46	30	65.2%	No
Maple Springs of North Ogden	109	65	59.6%	No
Maple Springs Senior Living	109	65	59.6%	No
Sunrise Park	9	5	55.6%	No
Our House of Tremonton	12	6	50.0%	No
Williamsburg Retirement Community	33	14	42.4%	No
Sunshine Terrace Foundation	230	71	30.9%	No
Cache Valley Assisted Living	41	11	26.8%	No
Terrace Grove Assisted Living	69	15	21.7%	No

Central Utah Health District (Juab, Millard, Sanpete, Sevier, Piute, Wayne counties)

Table 9. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Central Utah, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	1,212	1,200	99.0%	
Fillmore Community Medical Center	65	65	100.0%	Yes
Delta Community Medical Center	75	75	100.0%	Yes
Central Valley Medical Center	428	428	100.0%	Yes
Sevier Valley Medical Center	259	256	98.8%	Yes
Sanpete Valley Hospital	154	151	98.1%	Yes
Gunnison Valley Hospital	231	225	97.4%	Yes

Table 10. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Central Utah, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	1,333	1,218	91.4%	
Beehive Homes of Loa	5	5	100.0%	No
Delta Community Medical Center	68	68	100.0%	Yes
Fillmore Medical Center	58	58	100.0%	Yes
Heritage Hills Rehabilitation and Care Center	48	48	100.0%	Yes
Laurel Groves Assisted Living Center	19	19	100.0%	No
Mission at Community Assisted Living	10	10	100.0%	No
Richfield Rehabilitation and Care Center	74	74	100.0%	No
The Victorian House	10	10	100.0%	No
Central Valley Medical Center - CAH	401	400	99.8%	Yes
Gunnison Valley Hospital	184	183	99.5%	Yes
Sanpete Valley Hospital	125	122	97.6%	Yes
Stonehenge of Richfield	72	69	95.8%	Yes
Mission at Community Living Rehabilitation Center	64	59	92.2%	No
Millard Country Care and Rehabilitation	63	43	68.3%	No
Monroe Canyon Assisted Living	41	23	56.1%	No
Golden Skyline Assisted Living	13	7	53.8%	No
Country Lane Mount Pleasant LLC	20	10	50.0%	No
Diamond D Inn	6	3	50.0%	No
Red Cliffs Assisted Living	12	5	41.7%	No
Beehive Homes of Richfield I	20	1	5.0%	No
Beehive Homes of Richfield II	20	1	5.0%	No

Davis County Health District (Davis County)

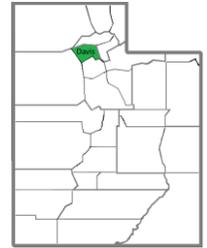


Table 11. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Davis County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	2,571	2,473	96.2%	
South Davis Community Hospital	421	414	98.3%	Yes
Lakeview Hospital	934	909	97.3%	Yes
Davis Hospital and Medical Center	1,167	1,113	95.4%	Yes
ViewPoint Center	49	37	75.5%	No
Benchmark Behavioral Health Systems	N/A	N/A	N/A	No

Table 12. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Davis County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	2,079	1,406	67.6%	
Oakridge Assisted Living	28	28	100.0%	No
Pheasant View Assisted Living LLC	95	94	98.9%	No
Beehive Homes of Layton	418	413	98.8%	No
Raintree Senior Living	63	62	98.4%	No
Country Oaks Assisted Living of Layton	53	51	96.2%	No
Country Care	45	43	95.6%	No
Avalon Care Center-Bountiful	45	39	86.7%	Yes
Thatcher Brook Rehabilitation and Care	114	98	86.0%	No
North Side Center	23	19	82.6%	No
Apple Tree Assisted Living	41	33	80.5%	Yes
Chancellor Gardens of Clearfield	100	79	79.0%	No
Rocky Mountain Care - Clearfield	92	71	77.2%	No
Layton Park Memory Care LLC	51	35	68.6%	No
Beehive Homes of Syracuse	23	15	65.2%	No
Country Pines Retirement Home	14	10	64.7%	No
Family Tree of West Point	11	7	63.6%	No
Welcome Home Assisted Living	11	7	63.6%	No
North Canyon Care Center	18	11	61.1%	No
Barrington Place Alzheimer's Special Care Center	18	11	61.1%	Yes
Waikoloa Assisted Living	116	69	59.5%	No
Life Care Center of Bountiful	7	4	57.1%	No
Apple Village Assisted Living	83	45	54.2%	Yes

Table 12. continued

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	2,079	1,406	67.6%	
Heart and Home Assisted Living	93	49	52.7%	No
South Davis Community Care Center	8	3	37.5%	No
The Inn on Barton Creek	90	30	33.3%	No
Fairfield Village of Layton	15	5	33.3%	No
Country Care II	10	3	30.0%	No
Syracuse Supported Living	40	9	22.5%	Yes
Legacy House of Bountiful	211	46	21.8%	No
Fairfield Village Rehabilitation	6	1	16.7%	Yes
South Davis Specialty Care	20	3	15.0%	No
Heritage Place	21	3	14.3%	No
The Villas at Baer Creek	96	10	10.4%	Yes

Salt Lake County Health District (Salt Lake County)

Table 13. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Salt Lake County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	38,143	36,065	94.6%	
Promise Hospital of Salt Lake	205	205	100.0%	Yes
University Hospital	13,170	13,111	99.6%	Yes
Salt Lake Regional Medical Center	602	599	99.5%	Yes
University Neuropsychiatric Institute	1,052	1,045	99.3%	Yes
Shriners Hospital for Children	275	273	99.3%	Yes
Primary Children's Medical Center	4,788	4,670	97.5%	Yes
TOSH The Orthopedic Specialty Hospital	463	446	96.3%	Yes
St. Marks Hospital	2,120	2,040	96.2%	Yes
LDS Hospital	1,641	1,574	95.9%	Yes
Intermountain Medical Center	6,418	6,052	94.3%	Yes
HealthSouth Rehabilitation/Specialty Hospital of Utah	192	180	93.8%	No
Lone Peak Hospital	498	461	92.6%	Yes
Riverton Hospital	942	870	92.4%	Yes
Jordan Valley - West Valley Campus	559	516	92.3%	Yes
Jordan Valley Hospital	1,182	1,087	92.0%	Yes
Alta View Hospital	770	694	90.1%	Yes
Salt Lake Behavioral Health	254	228	89.8%	No
Marian Center	47	40	85.1%	Yes
Landmark Hospital	100	71	71.0%	Yes
Veterans Affairs Medical Center	2,688	1,851	68.9%	No
Highland Ridge	177	52	29.4%	No

*Includes Huntsman Cancer Hospital

Table 14. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Salt Lake County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	6,434	3,890	60.5%	
Alpine Meadow Rehabilitation and Nursing	34	14	41.2%	No
Evergreen Residential Care	5	5	100.0%	No
J and E Home Care	2	2	100.0%	Yes
Niitsuma Living Center	2	2	100.0%	No
Sego Lily Assisted Living	10	10	100.0%	No
St. Mark's Hospital Transitional Care	31	31	100.0%	Yes
Superior Assisted Living	2	2	100.0%	No
Superior Assisted Living of Bell Canyon	2	2	100.0%	No
The Wentworth at Draper	45	45	100.0%	Yes
Willow Wood Care Center	60	60	100.0%	Yes
Aspen Park Rehabilitation	138	136	98.6%	Yes
Woodland Park Rehabilitation and Care Center	111	109	98.2%	Yes
The Wentworth at East Millcreek	24	23	95.8%	No
Avalon Valley Rehabilitation	99	94	94.9%	No
William E. Christoffersen Salt Lake Veterans Home	117	110	94.0%	No
Country Lane of Central Sandy	15	14	93.3%	Yes
Mission at Hillside Rehabilitation Center	71	66	93.0%	No
Pine Creek Rehabilitation and Nursing	40	37	92.5%	No
Canyon Rim Care Center	64	59	92.2%	Yes
The Ridge	57	52	91.2%	No
Highland Care Center	124	113	91.1%	Yes
Country Lane of East Sandy	10	9	90.0%	Yes
Country Lane of West Sandy	8	7	87.5%	Yes
Country Life Care Center	136	119	87.5%	Yes
Millcreek Rehabilitation and Nursing LLC	59	50	84.7%	No
Stonehenge of South Jordan LLC	130	109	83.8%	No
The Coventry Assisted Living	43	36	83.7%	Yes
Alta Ridge-Sandy Medical Center	24	20	83.3%	No
Pheasant Run Alzheimer's Special Care Center	41	34	82.9%	No
Beehive Homes of Riverton	11	9	81.8%	No
Life Care Center of Salt Lake City	120	98	81.7%	No
Midtown Manor	85	69	81.2%	No
Beehive Homes of Herriman	31	25	80.6%	No
Rocky Mountain Care - Hunter Hollow	174	138	79.3%	No
Legacy Village of Sugar House	53	42	79.2%	No
Rocky Mountain Care - Cottage on Vine	59	46	78.0%	No
Mt. Olympus Rehabilitation Center	113	88	77.9%	No
Holladay Healthcare Center	112	86	76.8%	No
Brookdale Salt Lake City SNF	0	0	0	No
Michelle's Retreat	0	0	0	No

Table 14. continued

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	6,434	3,890	60.5%	
The Coventry at Cottonwood Heights II	21	16	76.2%	Yes
Beehive at East Millcreek	29	22	75.9%	No
Beehive Homes of Salt Lake	29	22	75.9%	No
St. Joseph Villa Assisted Living	12	9	75.0%	Yes
Spring Creek Healthcare Center	80	59	73.8%	No
Aspen Ridge Transitional Rehabilitation	132	97	73.5%	No
Hillcrest Care Center	63	46	73.0%	No
West Side Center	11	8	72.7%	No
Avalon West Health and Rehabilitation	91	65	71.4%	Yes
Cascades at Riverwalk	138	93	67.4%	No
Aspen Ridge West Transitional Rehabilitation	93	62	66.7%	No
St. Joseph Villa	281	183	65.1%	No
The Coventry at Cottonwood Heights I	34	22	64.7%	Yes
Beehive Homes of Magna	14	9	64.3%	No
Rocky Mountain Care – Riverton	93	58	62.4%	No
Sunridge Assisted Living and Memory Care	69	42	60.9%	No
Little Cottonwood Rehabilitation and Nursing LLC	28	17	60.7%	No
Legacy House of Taylorsville	92	54	58.7%	No
The Abbingdon at Holladay	61	35	57.4%	No
Brighton House of South Jordan	9	5	55.6%	No
Fairview Care Center East	45	25	55.6%	Yes
Rosewood Assisted Care	20	11	55.0%	No
West Jordan Care Center	130	71	54.6%	Yes
Draper Rehabilitation and Care Center	83	45	54.2%	No
Summit Senior Living	52	28	53.8%	No
Cottonwood Place	90	47	52.2%	No
Legacy Village Rehabilitation	133	68	51.1%	No
Sandy Health and Rehabilitation	175	88	50.3%	Yes
Beehive Homes of Draper	32	16	50.0%	No
Beehive Homes of Draper 2	32	16	50.0%	No
Riverway Assisted Living and Memory Care	60	30	50.0%	No
Spring Lane	2	1	50.0%	No
Pacifica Senior Living Millcreek Assisted Living I	35	17	48.6%	No
Copper Ridge Health Care	99	45	45.5%	No
Sunrise at Holladay	110	50	45.5%	No
Holladay Home for the Elderly	7	3	42.9%	No
Legacy House Assisted Living of South Jordan	96	41	42.7%	No
Golden Living Taylorsville	60	25	41.7%	No
Sarah Daft Home	22	9	40.9%	No
Meadow Brook Rehabilitation and Nursing	47	19	40.4%	No
Assisted Living of Draper	18	7	38.9%	No

Table 14. continued

	Number Of HCP ¹	Vaccinated HCP ²	Vaccination Percentage ³	Compulsory Vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	6,434	3,890	60.5%	
Carrington Court	62	24	38.7%	No
Green Gables	21	8	38.1%	No
Sunrise of Sandy	95	35	36.8%	No
City Creek Post-Acute	77	28	36.4%	No
Osmond Senior Living Memory Care in Salt Lake	15	5	33.3%	No
Alta Ridge - Sandy Assisted Living	39	12	30.8%	No
Canyon Creek Assisted Living	40	12	30.0%	No
The Lodge at Jordan River	18	5	27.8%	No
Sagewood at Daybreak	55	14	25.5%	No
Legacy Village Memory Care	49	12	24.5%	No
The Avenues Courtyard Assisted Living Community	41	10	24.4%	No
Beehive Homes of West Jordan #1	17	4	23.5%	No
Beehive Homes of West Jordan #2	17	4	23.5%	No
The Wellington	51	12	23.5%	No
The Wentworth at Willow Creek	34	8	23.5%	No
Cottonwood Creek	67	14	20.9%	No
Cottonwood Creek II	67	14	20.9%	No
Beehive Homes of West Jordan #3	29	6	20.7%	No
Pacifica Senior Living Millcreek Assisted Living II	35	7	20.0%	No
Alta Ridge - Holladay	16	3	18.8%	No
Brookdale Salt Lake City Assisted Living	148	27	18.2%	No
Paramount Health and Rehabilitation	167	30	18.0%	No
Brighton House of Riverton	23	4	17.4%	No
The Lodge at Riverton	30	5	16.7%	No
Cedarwood at Sandy Assisted Living	98	15	15.3%	No
Tradition Assisted Living	52	6	11.5%	No
Highland Cove Retirement Community	81	9	11.1%	No

San Juan County Health District (San Juan County)

Table 15. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, San Juan County, 2017–2018 influenza season



	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	232	220	94.8%	
Blue Mountain Hospital	118	113	95.8%	Yes
San Juan Hospital	114	107	93.9%	Yes

Table 16. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, San Juan County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	N/A	N/A	N/A	N/A

Southeastern Utah Health District (Carbon, Emery, Grand counties)



Table 17. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Southeastern Utah, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	790	724	91.6%	
Castleview Hospital	481	470	97.7%	Yes
Moab Regional Hospital	309	254	82.2%	Yes

Table 18. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Southeastern Utah, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	491	377	76.8%	
Moab Regional Hospital	208	208	100.0%	Yes
Canyonlands Care Center	55	53	96.4%	Yes
Pinnacle Nursing and Rehabilitation Center	59	46	78.0%	No
Parkdale Health and Rehabilitation	56	33	58.9%	No
Emery County Care and Rehabilitation Center	48	19	39.6%	No
Beehive Homes of Elmo	12	4	33.3%	No
Beehive Homes of Price	15	4	26.7%	No
Heirloom Inn	38	10	26.3%	No

**Southwest Utah Health District (Beaver, Garfield, Iron, Kane, Washington
 counties)**

Table 19. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Southwest Utah, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	3,887	3,797	97.7%	
Milford Valley Healthcare Services	69	69	100.0%	Yes
Garfield Memorial Hospital	136	136	100.0%	Yes
Dixie Regional Medical Center	2,872	2,820	98.2%	Yes
Valley View Medical Center	546	533	97.6%	Yes
Beaver Valley Hospital	129	118	91.5%	Unknown
Kane County Hospital	135	121	89.6%	Yes

Table 20. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Southwest Utah, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	2,555	1,702	66.6%	
Autumn Park	6	6	100.0%	Yes
Beehive Homes of Cedar City #1	23	23	100.0%	Yes
Beehive Homes of Cedar City #2	23	23	100.0%	Yes
Beehive Homes of Cedar City #3	27	27	100.0%	Yes
Beehive Homes of Washington County #4	9	9	100.0%	No
Beehive Homes of Washington County #6	9	9	100.0%	No
Garfield County Nursing Home	29	29	100.0%	Yes
Garfield Memorial Hospital	136	136	100.0%	Yes
Waterfall Assisted Living	2	2	100.0%	Yes
Southern Utah Veterans Home - Ivins	246	245	99.6%	Yes
Brookdale Cedar City	51	50	98.0%	No
Blue Mountain Hospital	118	113	95.8%	Yes
Milford Valley Memorial Hospital	66	63	95.5%	Yes
San Juan Hospital	73	68	93.2%	No
Beaver Valley Hospital	122	111	91.0%	No
Kane County Hospital	130	116	89.2%	Yes
St. George Rehabilitation	104	87	83.7%	No
Beehive Homes of Washington County #3	12	10	83.3%	No
Bella Terra - Cedar City	132	109	82.6%	No
Stonehenge of Cedar City Utah, Inc.	56	46	82.1%	No

Table 20. continued

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	2,555	1,702	66.6%	
Beehive Homes of Washington County #5	11	9	81.8%	No
Beehive Homes of Washington County #8	15	12	80.0%	No
Four Corners Regional Care Center	90	70	77.8%	No
Beehive Homes of Washington County #7	12	9	75.0%	No
Bella Terra - St. George	145	102	70.3%	No
Iron County Care Center LLC	18	10	55.6%	No
Edith Porter RN Home Care	2	1	50.0%	No
The Meadows III	35	16	45.7%	No
Heritage Home	11	5	45.5%	No
Sterling Court	65	29	44.6%	No
Beehive Homes of Kanab	14	6	42.9%	No
The Meadows II	10	4	40.0%	No
Platinum Care Assisted Living	8	3	37.5%	Yes
The Retreat at Sunriver - St. George	35	12	34.3%	No
Coral Desert Rehabilitation and Care	125	38	30.4%	No
Spring Gardens Senior Living	66	19	28.8%	No
Beehive Homes of St. George #2	20	5	25.0%	No
Brookdale Southgate	73	17	23.3%	No
Seasons Health and Rehabilitation	86	19	22.1%	No
Rosecrest Manor	5	1	20.0%	No
The Retreat at Sunbrook Assisted Living	44	8	18.2%	No
Beehive Homes of St. George #1	9	1	11.1%	No
Hurricane Health and Rehabilitation	65	6	9.2%	No
Ridgeview Gardens of St. George	23	2	8.7%	No
Red Cliffs Health and Rehabilitation	127	11	8.7%	No
The Meadows I	65	5	7.7%	No
Elderberry Care	2	0	0.0%	No

Summit County Health District (Summit County)

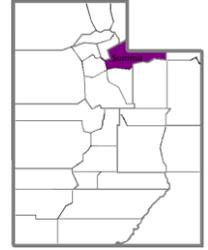


Table 21. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Summit County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	624	599	96.0%	
Park City Medical Center	624	599	96.0%	Yes

Table 22. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Summit County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	35	21	60.0%	
Beehive Homes of Park City	14	9	64.3%	No
Elk Meadows Assisted Living and Memory Care	23	8	34.8%	No

Tooele County Health District (Tooele County)

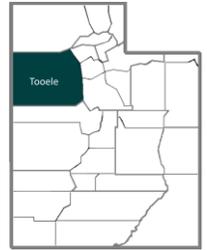


Table 23. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Tooele County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	501	485	96.8%	
Mountain West Medical Center	501	495	96.8%	No

Table 24. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Tooele County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	635	503	79.2%	
Mountain West Medical Center	416	408	98.12%	No
Diamond Jane's Assisted Living	21	15	71.4%	No
Rocky Mountain Care - Willow Springs	131	74	56.5%	No
Beehive Homes of Tooele	14	2	14.3%	No
Cottage Glen	53	4	7.5%	No

TriCounty Health District (Daggett, Duchesne, Uintah counties)

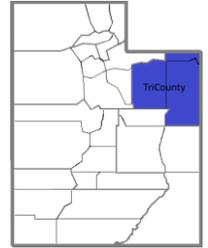


Table 25. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, TriCounty, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	1,102	1,076	97.6%	
Ashley Regional Medical Center	331	328	99.1%	Yes
Uintah Basin Medical Center	771	748	97.0%	Yes

Table 26. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, TriCounty, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	557	426	76.5%	
Ashley Regional Medical Center	292	289	99.0%	Yes
Uintah Basin Rehabilitation and Senior Villa	100	98	98.0%	Yes
Parkside Manor	8	5	62.5%	No
Beehive Homes of Naples	15	7	46.7%	No
Beehive Homes of Vernal	15	5	33.3%	No
Beehive Homes of Maeser	14	4	28.6%	No
Uintah Health Care Special Service District	113	18	15.9%	No

Utah County Health District (Utah County)

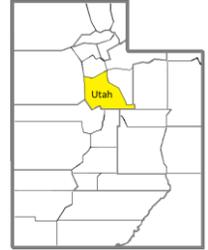


Table 27. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Utah County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	8,617	8,214	95.3%	
Orem Community Hospital	281	281	100.0%	Yes
Utah Valley Regional Medical Center	3,612	3,587	99.3%	Yes
American Fork Hospital	912	900	98.7%	Yes
Utah State Hospital	774	761	98.3%	Yes
Utah Valley Specialty Hospital	207	201	97.1%	Unknown
Timpanogos Regional Hospital	1,244	1,161	93.3%	Yes
Mountain Point Medical Center	579	536	92.6%	Unknown
Center For Change, Inc.	291	262	90.0%	No
Mountain View Hospital	717	525	73.2%	Yes
Provo Canyon Behavioral Hospital	N/A	N/A	N/A	No

Table 28. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Utah County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	3,964	2,227	56.2%	
Abbingtion Manor Assisted Living I	41	14	34.1%	No
Ashford Assisted Living and Memory Care of Springville	66	66	100.0%	No
Beehive Homes of Salem	7	7	100.0%	No
Beehive Homes of Salem II	8	8	100.0%	No
Beehive Homes of Spanish Fork	10	10	100.0%	No
Central Utah Veterans Home - Payson	230	230	100.0%	No
Country Lane Payson	17	17	100.0%	No
Elk Ridge Assisted Living	21	21	100.0%	No
Reid's Park Place	10	10	100.0%	No
Heritage Care Center	57	55	96.5%	No
Advanced Health Care of Salem	47	45	95.7%	No
Mission at Alpine Rehabilitation Center	52	49	94.2%	No
Parkway Health Center	86	81	94.2%	No
Heritage Haven	57	53	93.0%	No
Pointe Meadows Health and Rehabilitation	67	60	89.6%	No
Stonehenge of Springville Utah, Inc.	125	105	84.0%	No

Table 28. continued

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	3,964	2,227	56.2%	
Beehive Homes of Payson	12	10	83.3%	No
Seasons of Santaquin	23	19	82.6%	No
Stonehenge of Orem	92	75	81.5%	No
Cascades at Orchard Park	76	58	76.3%	No
Summerfield Retirement Living, Inc.	41	28	68.3%	No
Medallion Manor	65	44	67.7%	No
Beehive Homes of Lehi	16	10	62.5%	No
Orem Rehabilitation and Nursing Center	128	78	60.9%	No
Lakeview Elderly Care	5	3	60.0%	No
Medallion Supported Living	15	9	60.0%	No
Medallion Supported Living - Payson	15	9	60.0%	No
Stonehenge of American Fork	216	127	58.8%	No
Medallion Supported Living - Springville	14	8	57.1%	No
Highland Glen	53	30	56.6%	No
River Meadows Senior Living	43	24	55.8%	No
Osmond Senior Living in Lindon	49	27	55.1%	No
Osmond Senior Living in Lindon Assisted Living #2	49	27	55.1%	No
Beehive Homes of American Fork South Building One	23	12	52.2%	No
Beehive Homes of American Fork South Building Two	23	12	52.2%	No
Beacon Heights Senior Living LLC	10	5	50.0%	No
Courtyard at Jamestown Assisted Living Community	108	54	50.0%	No
Hearthstone Manor Assisted Living	8	4	50.0%	No
Mesa Vista, Inc.	66	32	48.5%	No
Utah State Developmental Center	565	261	46.2%	No
The Peaks Care and Rehabilitation	24	11	45.8%	No
Assisted Living of Orem North Villa	22	10	45.5%	No
Assisted Living of Orem South Villa	22	10	45.5%	No
Canterbury Assisted Living	9	4	44.4%	No
Canyon Breeze Senior Living	18	8	44.4%	No
Country View Assisted Living	9	4	44.4%	No
Cove Point Retirement	39	17	43.6%	No
Brightwork Villa Pleasant Grove	5	2	40.0%	No
Provo Rehabilitation and Nursing	170	68	40.0%	No
Aspen Ridge of Utah Valley	98	38	38.8%	No
Brightwork Villa Park Place	8	3	37.5%	No
Legacy House of Spanish Fork	121	45	37.2%	No
Provo Assisted Living LLC	35	13	37.1%	No
Abbingtion Manor Memory Care	11	4	36.4%	No
Abbingtion Manor Assisted Living II	41	14	34.1%	No

Table 28. continued

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	3,964	2,227	56.2%	
Beehive Homes of Orem #2	15	5	33.3%	No
Lake Ridge Senior Living - North	30	10	33.3%	No
Lake Ridge Senior Living - South	30	10	33.3%	No
Covington Senior Living	74	24	32.4%	No
The Charleston at Cedar Hills	47	15	31.9%	No
Beehive Homes of Provo	26	8	30.8%	No
Bel Aire Senior Living	30	9	30.0%	No
Legacy Village of Provo	94	28	29.8%	No
Brightwork Villa - American Fork	7	2	28.6%	No
Spanish Fork Rehabilitation and Nursing	52	14	26.9%	No
Spring Gardens of Lindon	103	26	25.2%	No
Bel Aire Homes	17	4	23.5%	No
Manila Hills Home	10	2	20.0%	No
Harmony Hills of Lehi	34	6	17.6%	No
Beehive Homes of Provo #2	23	4	17.4%	No
The Abbington at Mapleton	70	10	14.3%	No
Tophams Tiny Tots Care Center	54	2	3.7%	No
Beehive Homes of Orem #2	15	5	33.3%	No
The Abbington at Mapleton	70	10	14.3%	No

Wasatch County Health District (Wasatch County)



Table 29. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Wasatch County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	220	214	97.3%	
Heber Valley Medical Center	220	214	97.3%	Yes

Table 30. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Wasatch County, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	300	236	78.7%	
Heber Valley Medical Center	178	177	99.4%	Yes
Rocky Mountain Care - Mountain View	42	30	71.4%	Yes
Sante Assisted Living - Heber	12	8	66.7%	No
The Abbingtion Assisted Living and Memory Care Community	68	21	30.9%	No

Weber Morgan Health District (Weber, Morgan counties)

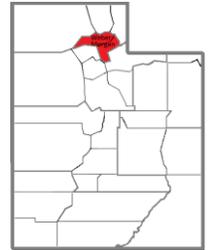


Table 31. Influenza vaccination coverage rates for healthcare personnel in licensed hospitals by public health district, Weber-Morgan, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	64,625	61,587	95.3%	
Licensed hospitals**	4,631	4,485	96.8%	
Northern Utah Rehab Hospital	154	151	98.1%	Unknown
McKay-Dee Hospital Center	3,051	2,956	96.9%	Yes
Ogden Regional Medical Center	1,426	1,378	96.6%	Yes

Table 32. Influenza vaccination coverage rates for healthcare personnel in long-term care facilities by public health district, Weber-Morgan, 2017–2018 influenza season

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,384	13,979	65.4%	
Licensed LTCF**	1,852	1,282	69.2%	
Quail Meadow Assisted Living LLC	57	57	100.0%	Yes
Washington Terrace Center	47	47	100.0%	Yes
Pine View Transitional Rehabilitation	85	84	98.8%	Yes
George E. Wahlen Ogden Veterans Home	233	228	97.9%	Yes
Brookdale North Ogden	46	45	97.8%	Yes
Stonehenge of Ogden LLC	128	118	92.2%	No
Lotus Park Care Centers	18	16	88.9%	No
Peachtree Place	47	40	85.1%	No
Lotus Park Assisted Living LLC	50	42	84.0%	No
Stoney Brooke of Eden	18	15	83.3%	No
South Ogden Post-Acute	129	104	80.6%	Yes
Harrison Pointe Healthcare and Rehabilitation	52	39	75.0%	No
Seasons Assisted Living of Farr West	24	17	70.8%	No
Beehive Stoney Brooke, Inc.	10	7	70.0%	No
Country Lane of Ogden	6	4	66.7%	No
Mt. Ogden Health and Rehabilitation Center	70	45	64.3%	No
Gardens Assisted Living	29	17	58.6%	No
Crestwood Rehabilitation and Nursing	104	59	56.7%	No
Lomond Peak Nursing and Rehabilitation LLC	66	37	56.1%	No
Our House of Ogden	45	25	55.6%	No
Heritage Park Rehabilitation and Healthcare Center	86	46	53.5%	No
Legacy House of Ogden	103	49	47.6%	No
Hidden Valley Assisted Living LLC	55	23	41.8%	No

Table 32. continued

	Number of HCP ¹	Vaccinated HCP ²	Vaccination percentage ³	Compulsory vaccination
State of Utah coverage	21,253	13,935	65.6%	
Licensed LTCF**	1,767	1,072	60.7%	
Wide Horizons Residential Care Facility	127	53	41.7%	No
Mountain View Health Services	82	34	41.5%	No
Memory Lane Care Home	3	1	33.3%	No
Family Tree of Morgan	37	12	32.4%	No
Mountain Ridge Assisted Living	74	10	13.5%	No

Definitions

The following are definitions used in this report.

- 1. The Advisory Committee on Immunization Practices** - A group of medical and public health experts that develops recommendations on how to use vaccines to control diseases in the United States. The recommendations stand as public health advice that will lead to a reduction in the incidence of vaccine preventable diseases and an increase in the safe use of vaccines and related biological products.
- 2. Healthcare personnel (HCP)** - All paid and unpaid persons working in healthcare settings who have the potential for exposure to patients and/or to infectious materials, including body substances, contaminated medical supplies and equipment, contaminated environmental surfaces, or contaminated air. HCP might include (but are not limited to) physicians, nurses, nursing assistants, therapists, technicians, emergency medical service personnel, dental personnel, pharmacists, laboratory personnel, autopsy personnel, students and trainees, contractual staff not employed by the healthcare facility, and persons (i.e., clerical, dietary, housekeeping, laundry, security, maintenance, administrative, billing, and volunteers) not directly involved in patient care, but potentially exposed to infectious agents that can be transmitted to and from HCP and patients.
- 3. Healthcare-associated infection (HAI)** - An infection that develops in a resident who is cared for in any setting where healthcare is delivered (i.e., acute care hospital, skilled nursing facility, dialysis center, etc.) that was not developing or present at the time of admission to that setting.

4. Hospital facility types

Acute care - A facility that provides diagnostic, therapeutic, and rehabilitative services to both inpatients and outpatients by (or under) physician supervision.

Long-term acute care (LTAC) - A hospital that provides on-site all basic services required of a general hospital that are needed for the diagnosis, therapy, and treatment offered or required by all patients admitted to the hospital, including pharmacy, laboratory, nursing services, occupational, physical, respiratory and speech therapies, dietary, social services, and specialized diagnosis and therapeutic services.

Children's hospitals - For purposes of this report, a children's hospital refers to Primary Children's Medical Center and Shriners Hospital for Children in Salt Lake City, Utah.

Critical access - A nonprofit, profit, or public hospital that is enrolled as a Medicaid provider and qualifies as a Critical Access Hospital under 42, Code of Federal Regulations, Section 485, Subpart F - Conditions of Participation Critical Access Hospitals. Visit <http://www.CMS.gov> for more information.

Government - For purposes of this report, a government hospital refers to the Veterans Affairs Salt Lake City Health Care System in Salt Lake City, Utah.

Specialty hospital - A facility that provides specialized diagnostic, therapeutic, or rehabilitative services in the recognized specialty or specialties for which the hospital is licensed including, but not limited to, psychiatric and rehabilitation hospitals.

- 5. Long-term care facility (CDC definition)** - Nursing homes, skilled nursing facilities, and assisted living facilities, (collectively known as long-term care facilities [LTCFs]) provide a variety of services, both medical and personal care, to people who are unable to manage independently in the community.

Long-term care facility (Utah Department of Health definition) - A nursing care facility, small healthcare facility, assisted living type I and type II, intermediate care facility for the mentally retarded, and swing bed unit of a general acute care hospital.

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