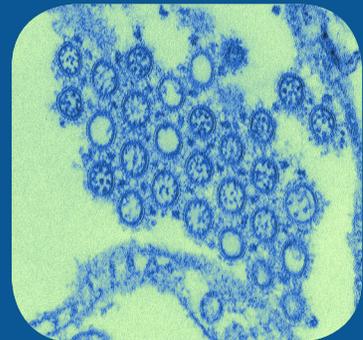
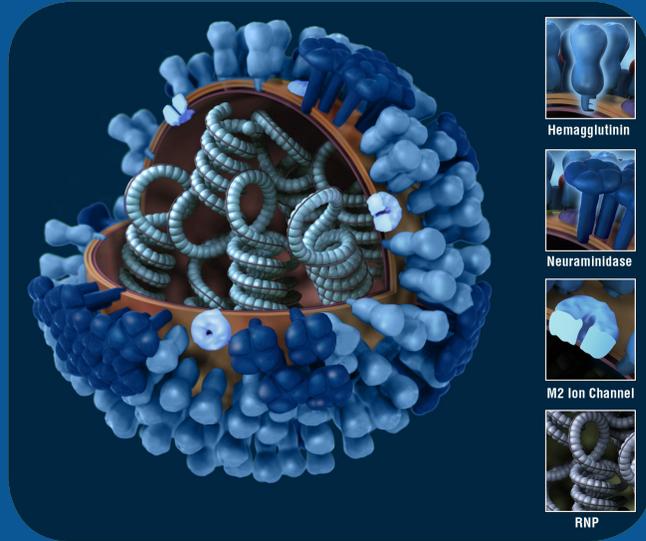


Healthcare Acquired Infection Reporting Program

Healthcare Worker Influenza Vaccination Rates 2012–2013 Season



Oregon
Health
Authority

PUBLIC HEALTH DIVISION
CENTER FOR PUBLIC HEALTH PRACTICE
Acute and Communicable Disease Prevention

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Cover photograph courtesy of the US Centers for Disease Control and Prevention, available at <http://phil.cdc.gov/phil/details.asp>

Photo caption: This photo displays the ultrastructural details of a number of influenza virus particles, or “virions”. A member of the taxonomic family *Orthomyxoviridae*, the influenza virus is a single-stranded RNA organism. The flu is a contagious respiratory illness caused by influenza viruses.

Executive Summary

Infection with the influenza virus causes thousands of hospitalizations and deaths annually in the United States, the majority occurring among vulnerable populations including persons with chronic medical conditions, infants, young children, seniors, and pregnant women (1,2,3). Healthcare workers (HCW) can acquire influenza from patients or transmit influenza to patients and other staff (4,5). Annual vaccination against the predominant circulating virus can prevent influenza transmission. This report presents the results of the fourth year of reporting on HCW influenza vaccination for 60 Oregon hospitals and 131 long-term care facilities, and the second year of reporting on HCW influenza vaccination for 85 ambulatory surgery centers. The percentages of vaccinated HCWs by facility category for the 2012—2013 influenza season are as follows (data is found in Table 5, page 8):

Facility Category	Overall Facility	Employee	Non-Employee, Credentialed	Non-Employee, Other
Hospitals	71%	77%	43%	52%
LTCs	54%	57%	48%	33%
ASCs	67%	70%	57%	79%

Report highlights include:

- During the 2012—2013 influenza season, 52% of hospitals, 27% of long-term care facilities, and 41% of ambulatory surgery centers met the overall 75% vaccination goal for Healthy People 2015 for all HCWs; 70% of hospitals, 27% of long-term care facilities, and 45% of ambulatory surgery centers met the 75% vaccination goal for Healthy People 2015 for employees (Table 7, page 15).
- The proportion of vaccinated hospital employees increased from 69% for the 2011—2012 influenza season to 77% for the 2012—2013 influenza season (Figure 1, page 9); the overall vaccinated HCW percentage for hospitals increased from 59% for the 2011—2012 influenza season to 71% for the 2012—2013 influenza season (Table 5, page 8).
- The proportion of vaccinated long-term care facility employees increased from 51% for the 2011—2012 influenza season to 57% for the 2012—2013 influenza season (Figure 1, page 9); the overall vaccinated HCW percentage for long-term care facilities increased from 47% for the 2011—2012 influenza season to 54% for the 2012—2013 influenza season (Table 5, page 8).
- The proportion of vaccinated ambulatory surgery center employees increased from 64% for the 2011—2012 influenza season to 70% for the 2012—2013 influenza season (Figure 1, page 9); the overall vaccinated HCW percentage for ambulatory surgery centers increased from 51% for the 2011—2012 influenza season to 67% for the 2012-2013 influenza season (Table 5, page 8).
- Nearly all hospitals promoted influenza vaccination by sending reminders to HCWs (95%) and through vaccination campaigns (83%) (Figure 8, page 19). Both long-term care facilities and ambulatory surgery centers reported an increase in formal education programs to promote and deliver vaccinations to HCWs (Figure 9, page 20).

Background

Infection with the influenza virus causes an average of more than 200,000 hospitalizations and a range of 3,000-49,000 influenza-associated deaths annually in the United States (1,2). The majority of these hospitalizations and deaths occur among vulnerable populations including persons with chronic medical conditions, infants, young children, seniors, and pregnant women (1,2,3). Healthcare workers (HCW) can acquire influenza from patients or transmit influenza to patients and other staff (4,5). Annual vaccination against the predominant circulating virus can prevent influenza transmission. Increased vaccination of HCWs has been shown to be associated with a decrease in outbreaks of influenza and influenza-like illness in healthcare facilities, as well as a decrease in patient mortality (5,6). A recent systematic review concluded that the benefits of HCW vaccination outweigh the potential harms and that HCW vaccination can enhance patient safety (6). Furthermore, vaccination of HCW can specifically benefit patients who cannot receive a vaccination themselves such as infants less than 6 months of age, persons aged 85 years or older, immune-compromised persons, and persons with medical contraindications (7). Current recommendations from the Centers for Disease Control and Prevention state that all healthcare workers, including those without direct patient care, should receive an influenza vaccination annually (7,8).

The Oregon state legislature passed House Bill 2524 in 2007 to create a mandatory healthcare acquired infection (HAI) reporting program in an effort to raise awareness, promote transparency for healthcare consumers, and motivate health care providers to prioritize prevention. The Oregon Health Authority (OHA) administers the HAI reporting program and is advised by a 16-member committee.

This report presents the results of the fourth year of reporting on HCW influenza vaccination for 60 Oregon hospitals and 139 long-term care facilities, and the second year of reporting on HCW influenza vaccination for 85 ambulatory surgery centers.

Methods

HCW vaccination counts were collected using a survey created by the Oregon Health Authority (see Appendix I). Facilities were asked to report the number of HCW who were vaccinated at the facility; were vaccinated elsewhere; had a medical contraindication to the influenza vaccine; declined the vaccine; and had an unknown vaccination status. HCW were required to provide a written report or documentation of influenza vaccination to confirm vaccination outside their facility. Furthermore, facilities were also asked to report their methods of vaccination delivery and promotion as well as reasons for HCW vaccination declination.

Definition of HCW was identical to previous years, including three categories of HCW:

Employee: all persons who receive a paycheck from the healthcare institution, whether or not they have direct patient care duties.

Non-employees, credentialed: licensed practitioners affiliated with the healthcare institution who do not receive a paycheck from the institution. These include physicians or other midlevel providers (including nurses) with clinical or admitting privileges at the healthcare institution, or technicians or therapists with professional credentialing.

Non-employees, other: non-credentialed persons affiliated with the healthcare institution but who do not receive a paycheck from the institution. These include students or trainees, volunteers, resident physicians or fellows (if not paid by the institution), or non-clinical agency staff or contract laborers (if paid directly by their contracting agency).

Prior to the 2011-2012 influenza season, ambulatory surgery centers did not report HCW influenza vaccination data, and the majority of hospitals and long-term care facilities were not able to report data for non-employees. However, beginning with the 2011-2012 influenza season, the majority of hospitals, long-term care facilities, and ambulatory surgery centers reported data for all three HCW categories.

A web-based survey was sent to 60 hospitals, 139 long-term care facilities and 85 ambulatory surgery centers. The survey was sent to the hospital human resource directors and infection control professionals, the long-term care facility administrators and nursing directors, and the ambulatory surgery center administrators. Facilities were given the influenza season to collect their data and were to complete the survey by May 20, 2013. Follow-up was conducted via telephone and email to obtain a survey from each facility and to address discrepancies reported in the surveys. The facilities were given the opportunity to verify their data prior to publication.

OHA received surveys from 60 hospitals, 139 long-term care facilities, and 85 ambulatory surgery centers.

Results

Reporting Ability

The ability of facilities to report HCW vaccination data was evaluated in two ways: (1) by determining the percentage of facilities that were able to document vaccination status for all three HCW subgroups and (2) by calculating the percentage of HCWs that had a documented vaccination status (either vaccinated or unvaccinated) as opposed to unknown.

A facility that reported at least one HCW with documented vaccination status was considered as able to report vaccination data for that HCW subgroup. Reporting ability was excluded for facilities that reported no HCWs in a subgroup.

All hospitals and long-term care facilities, and 95% of ambulatory surgery centers were able to report on the vaccination status of employees (Table 1). The vaccination status of credentialed and other non-employees was reported by 91% and 100% of hospitals, respectively, 86% and 94% of ambulatory surgery centers, and 56% and 69% of long-term care facilities, respectively. Employees represent the largest subgroup of healthcare workers for all three facility types with 1,147, 100, and 37 average employees, respectively.

Table 1: Reporting ability for three subgroups of healthcare workers, 2012–2013 season

Facility Category	Employees				Non-Employees, Credentialed				Non-Employees, Other			
	Facility Count	Reporting Facilities		Average # HCWs	Facility Count	Reporting Facilities		Average # HCWs	Facility Count	Reporting Facilities		Average # HCWs
		Count	Percent			Count	Percent			Count	Percent	
Hospitals	60	60	100%	1,147	56	51	91%	180	54	54	100%	164
Long-Term Care Facilities	139	139	100%	100	66	37	56%	4	83	57	69%	16
Ambulatory Surgery Centers	84	80	95%	37	72	62	86%	19	17	16	94%	8

Another method used to gauge a facility’s ability to report vaccination data is to calculate the percentage of workers with a documented vaccination status (either vaccinated or unvaccinated versus unknown vaccination status). Two facility categories reported an increase in the percent of employees with a documented vaccination status compared with the previous season (Table 2); Hospitals reported a 9 percentage point increase for employees with a documented status (82% to 91%) and long-term care facilities reported a 12 percentage point increase (67% to 79%). Ambulatory surgery centers reported a slight decrease in the percentage of employees with a documented status (86% to 85%).

Table 2: Employees with documented influenza vaccination, 2010–2013 seasons

Facility Category	A Total No. Employees	B No. Employees with Documented Vaccination Status	C No. Employees Without Documented Vaccination Status	D Percent With Documented Status
Hospitals				
2010-2011	71,679	47,879	23,791	67%
2011-2012	71,912	58,657	13,256	82%
2012-2013	68,845	62,601	6,252	91%
Long-Term Care Facilities				
2010-2011	12,875	8,665	4,210	67%
2011-2012	14,562	9,723	4,851	67%
2012-2013	13,894	11,023	2,636	79%
Ambulatory Surgery Center				
2010-2011	<i>Not Collected</i>			
2011-2012	2,920	2,499	421	86%
2012-2013	3,138	2,682	260	85%
Total				
2010-2011	84,545	56,544	28,001	67%
2011-2012	89,394	70,879	18,528	79%
2012-2013	85,877	76,306	9,148	89%

The percentage of HCWs with a documented vaccination status was evaluated by worker subgroup for the 2012–2013 influenza season and an overall facility percentage was calculated (Table 3). Among hospitals, long-term care facilities, and ambulatory surgery centers, the proportion of credentialed non-employees with documented vaccination status was 46%, 55%, and 66%, respectively, while the proportion of other non-employees was 56%, 38%, and 98%. Many non-employees have an undocumented vaccination status, driving the percentage with a documented status lower for these HCW categories.

The proportions of HCWs with a documented vaccination status for the overall facility are 82% for hospitals, 75% for long-term care facilities, and 80% for ambulatory surgery centers.

Table 3: Documentation of HCW influenza vaccination status, 2012–2013 season

HCW category	A Total No. HCW	B No. HCW With Documented Vaccination Status	C No. HCW Without Documented Vaccination Status	D Percent With Documented Status D=B/A
Employees				
Hospitals	68,845	62,601	6,252	91%
Long-Term Care Facilities	13,894	11,023	2,636	79%
Ambulatory Surgery Centers	3,138	2,682	260	85%
Non-Employees, Credentialed				
Hospitals	10,090	4,664	5,426	46%
Long-Term Care Facilities	257	141	80	55%
Ambulatory Surgery Centers	1,375	902	391	66%
Non-Employees, Other				
Hospitals	8,836	4,941	3,891	56%
Long-Term Care Facilities	1,318	504	612	38%
Ambulatory Surgery Centers	131	129	5	98%
Overall Facility				
Hospitals	87,771	72,206	15,569	82%
Long-Term Care Facilities	15,469	11,668	3,328	75%
Ambulatory Surgery Centers	4,644	3,713	656	80%

Staff Vaccination

The survey included questions on how many HCWs were vaccinated at the facility, how many were vaccinated elsewhere, how many declined for medical contraindications, and how many refused to be vaccinated. The proportion of vaccinated HCWs was calculated by adding the number of HCW vaccinated at the facility and the number of HCW vaccinated elsewhere and dividing by the total number of HCW, excluding those with medical contraindications. The proportion of vaccinated HCWs was calculated for each category of HCW as well as an overall percentage. HCW vaccination data from the 2009—2010 influenza season are not used for annual comparisons due to differences in the definition of HCW.

The proportion of vaccinated employees increased for all three categories of healthcare facilities (Table 4). The proportion of hospital employees that were vaccinated increased from 65% for the 2010—2011 influenza season to 77% for the 2012—2013 influenza season. The proportion of vaccinated long-term care facility employees also increased from 52% for the 2010—2011 influenza season to 57% for the 2012—2013 influenza season. Finally, the proportion of vaccinated ambulatory surgery center employees increased six percentage points from 64% for the 2011—2012 influenza season to 70% for the 2012—2013 influenza season.

Table 4: Employee influenza vaccinations, 2010–2013 seasons

Facility Category	Count of Facilities	A HCW Vaccinated at Facility	B HCW Vaccinated Elsewhere	C Total HCW	D HCW With Medical Contraindication	E Percent Vaccinated $E=(A+B)/(C-D)$
Hospitals						
2010-2011	60	44,671	1,078	71,679	775	65%
2011-2012	60	46,906	2,546	71,912	688	69%
2012-2013	60	49,180	3,306	68,845	910	77%
Long-Term Care Facilities						
2010-2011	129	6,065	546	12,875	85	52%
2011-2012	140	6,576	726	14,562	187	51%
2012-2013	139	6,980	759	13,894	200	57%
Ambulatory Surgery Center						
2010-2011	<i>Not collected</i>					
2011-2012	87	1,519	334	2,920	46	64%
2012-2013	85	1,910	267	3,138	38	70%
Total						
2010-2011	189	50,736	1,624	84,554	860	63%
2011-2012	287	55,001	3,606	89,394	921	66%
2012-2013	284	58,070	4,332	85,877	1,148	74%

The percentage of vaccinated non-employees was lower than the percentage of vaccinated employees for all three types of facilities, with the exception of other non-employees working in ambulatory surgery centers (Table 5). HCWs with unknown vaccination status are included in the denominator when calculating the percent vaccinated, contributing to the lower percentage of vaccinated HCWs seen in the two non-employee categories. However, it should be noted that the percentage of all vaccinated HCWs increased across facility category compared with the 2011—2012 influenza season. Appendix II provides influenza vaccination percentages for each facility for the 2012—2013 influenza season.

Table 5: Healthcare worker influenza vaccinations, 2012–2013 season

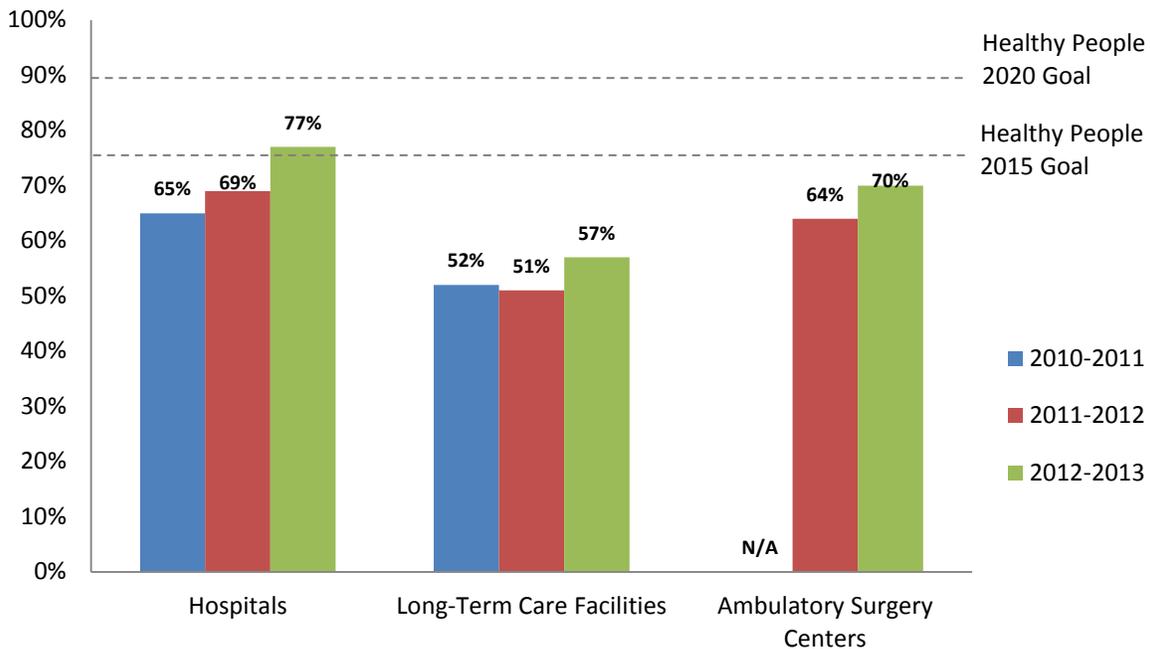
	Count of Facilities	A HCW Vaccinated at Facility	B HCW Vaccinated Elsewhere	C Total HCW	D HCW With Medical Contraindication	E Percent Vaccinated E=(A+B)/(C-D)
Employees						
Hospitals	60	49,180	3,306	68,845	910	77%
Long-Term Care Facilities	139	6,980	759	13,894	200	57%
Ambulatory Surgery Centers	84	1,910	267	3,138	38	70%
Non-Employees, Credentialed						
Hospitals	56	3,014	1,351	10,090	22	43%
Long-Term Care Facilities	66	44	79	257	2	48%
Ambulatory Surgery Centers	71	494	290	1,375	4	57%
Non-Employees, Other						
Hospitals	54	3,525	1,029	8,836	19	52%
Long-Term Care Facilities	83	211	219	1,318	2	33%
Ambulatory Surgery Centers	17	58	46	131	0	79%
Overall Facility						
Hospitals	60	55,719	5,686	87,771	951	71%
Long-Term Care Facilities	139	7,235	1,057	15,469	204	54%
Ambulatory Surgery Centers	85	2,462	603	4,644	42	67%

Healthy People Targets

The proportion of vaccinated HCWs was compared to the benchmarks set by the U.S. Department of Health and Human Services (HHS) Healthy People program. Healthy People provide 10-year national objectives for improving the health of all Americans. The Healthy People 2010 goal for healthcare worker influenza vaccination was 60%. An interim goal of 75% vaccination coverage was set for 2015 with a goal of 90% by 2020 (10).

The 2012–2013 influenza season marks the first time hospitals met the 75% vaccination goal for Healthy People 2015 (Figure 1). This represents an increase in vaccination coverage of 8 percentage points for hospitals compared with 2011–2012 influenza season data. Though they do not yet meet the Healthy People 2015 goal, long-term care facilities and ambulatory surgery centers improved vaccination coverage, with each facility type increasing 6 percentage points compared with 2011–2012 influenza season data. Long-term care facilities are below the 60% vaccination goal for Healthy People 2010 by 3 percentage points, while ambulatory surgery centers exceeded the Healthy People 2010 goal. All three facility categories are below the 90% vaccination goal for Healthy People 2020 by at least 13 percentage points.

Figure 1: Employee influenza vaccination percentages, 2010–2013 seasons

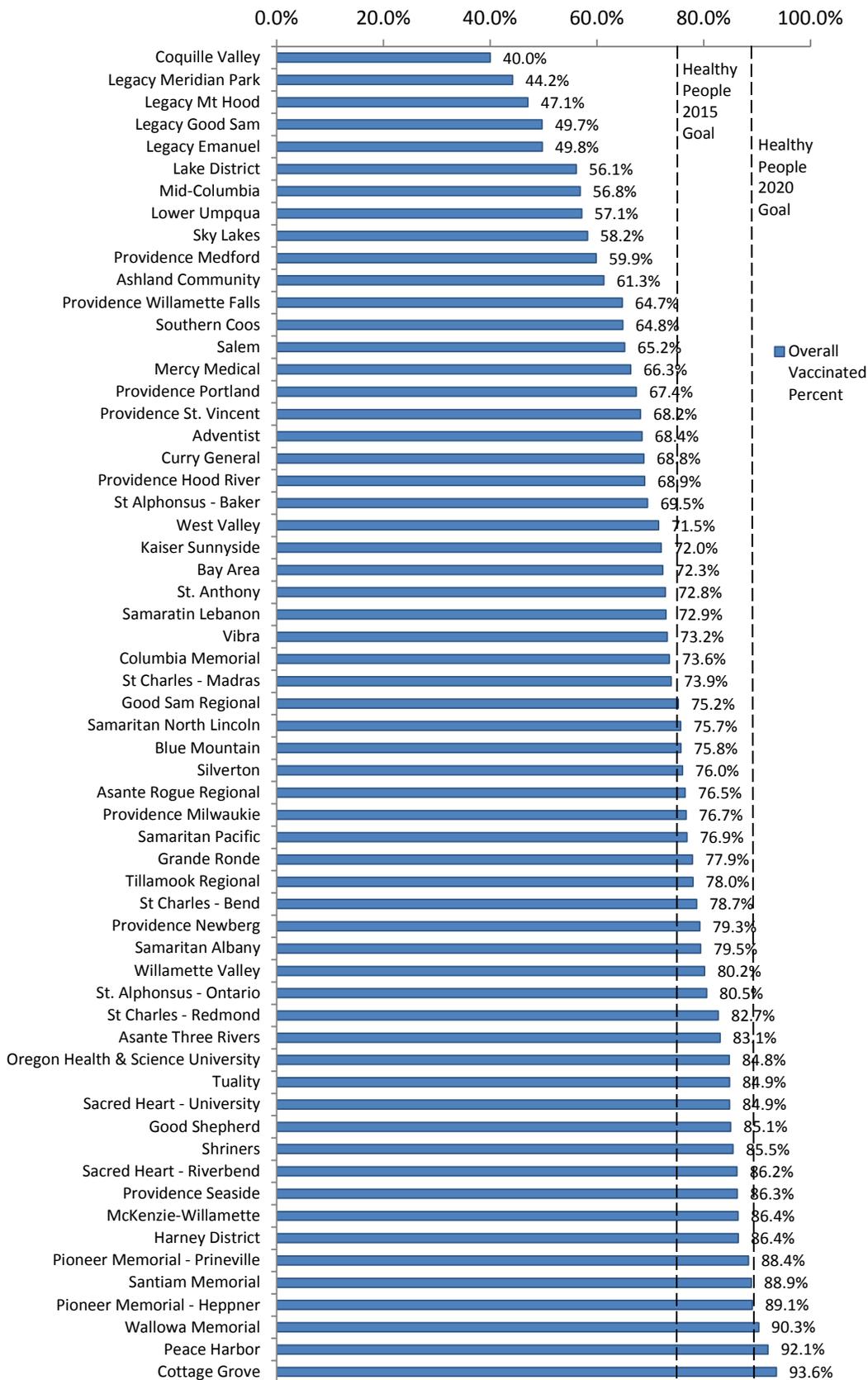


The proportion of all three facility categories meeting the 75% vaccination goal for Healthy People 2015 for employees changed little from the previous influenza season (Table 6). The proportion of hospitals meeting the 75% Healthy People 2015 target for employees decreased slightly from 72% during the 2011—2012 season to 70% during the 2012—2013 season. The proportion of long-term care facilities meeting the 75% Healthy People 2015 target for employees increased slightly from 26% during the 2011—2012 season to 27% during the 2012—2013 season. Finally, the proportion of ambulatory surgery centers meeting the 75% Healthy People 2015 target for employees increased slightly from 44% during the 2011—2012 season to 45% during the 2012—2013 season. Ambulatory surgery centers also reported the highest percentage of employees meeting the 90% vaccination goal for Healthy People 2020. However, ambulatory surgery centers, along with long-term care facilities also had a lower percentage of facilities meeting the 60% vaccination goal for Healthy People 2010 compared with hospitals. The proportion of hospitals meeting the 90% vaccination goal for Healthy People 2020 increased slightly, while the proportion of long-term care facilities remained steady compared with the previous season.

Table 6: Facilities meeting Healthy People targets for employees, 2010–2013 seasons

Facility Category	Count of Facilities	60% or Greater Vaccination		75% or Greater Vaccination		90% or Greater Vaccination	
		Count	Percent	Count	Percent	Count	Percent
Hospitals							
2010-2011	60	44	73%	29	48%	4	7%
2011-2012	60	55	92%	43	72%	4	7%
2012-2013	60	57	95%	42	70%	5	8%
Long-Term Care Facilities							
2010-2011	128	48	38%	35	27%	3	2%
2011-2012	140	54	39%	36	26%	8	6%
2012-2013	139	82	59%	37	27%	8	6%
Ambulatory Surgery Center							
2010-2011	<i>Not Collected</i>						
2011-2012	87	51	59%	38	44%	7	8%
2012-2013	84	55	65%	38	45%	17	20%

Figure 2: Hospital overall influenza vaccination percentages, 2012–2013 season



Fifty-two percent (31/60) of hospitals met the 75% overall vaccination goal for Healthy People 2015 (Figure 2). In addition, 5% (3/60) of hospitals met the 90% overall vaccination goal for 2020.

As for long-term care facilities, 27% (37/139) met the vaccination goal for 2015, while 6.5% (9/139) met the 2020 goal (Figure 3). Ambulatory surgery centers had 41% (35/85) of facilities meet the 2015 vaccination goal. Fifteen percent (13/85) of ASCs met the 2020 goal (Figure 4).

The vaccination rankings for hospital, long-term care, and ambulatory surgery center employees, non-employee credentialed, and non-employee other are found in Appendix II.

Figure 3: Long-term care facility overall influenza vaccination percentages, 2012–2013 season

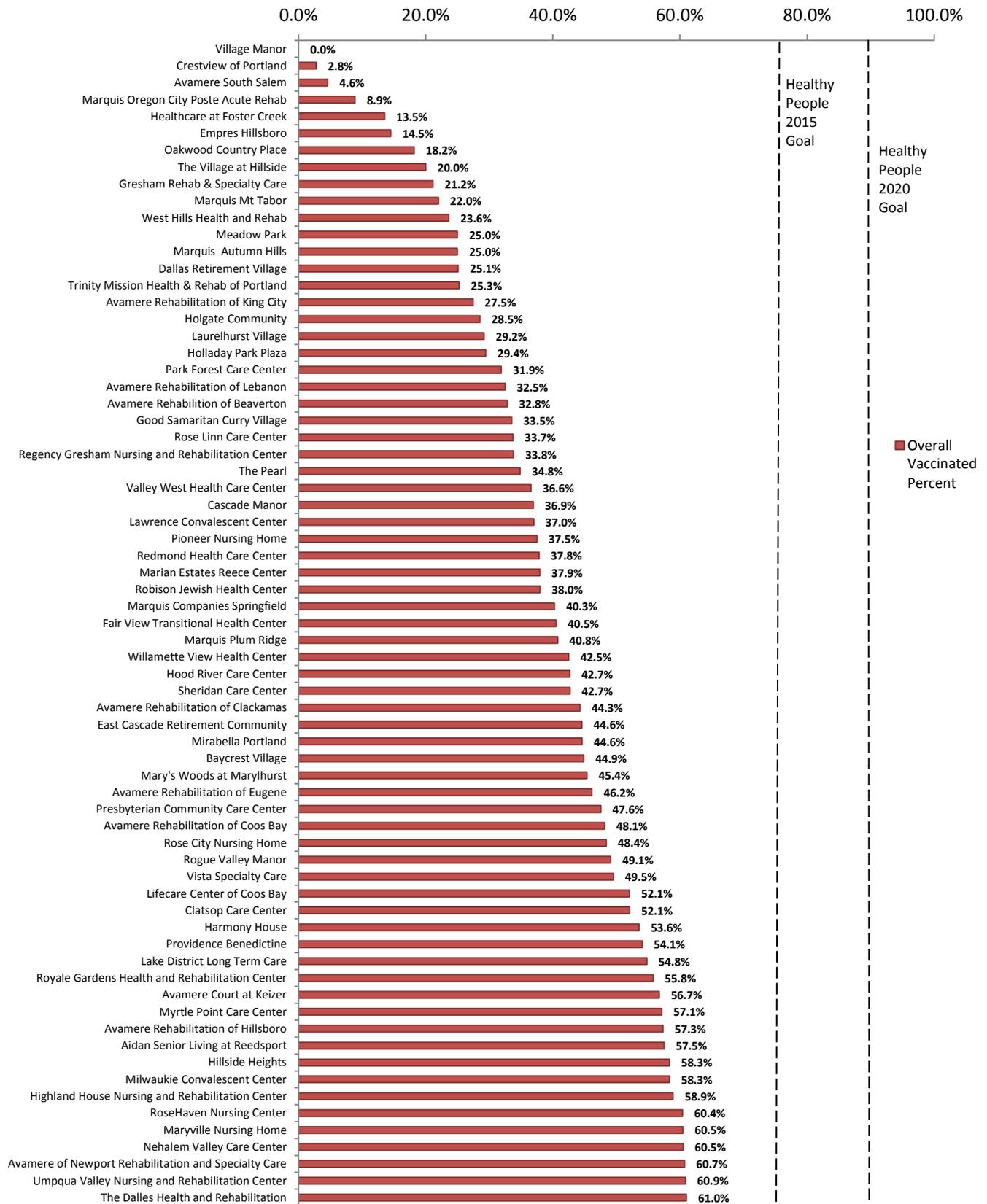


Figure 3: Long-term care facility overall influenza vaccination percentages, 2012–2013 season, continued

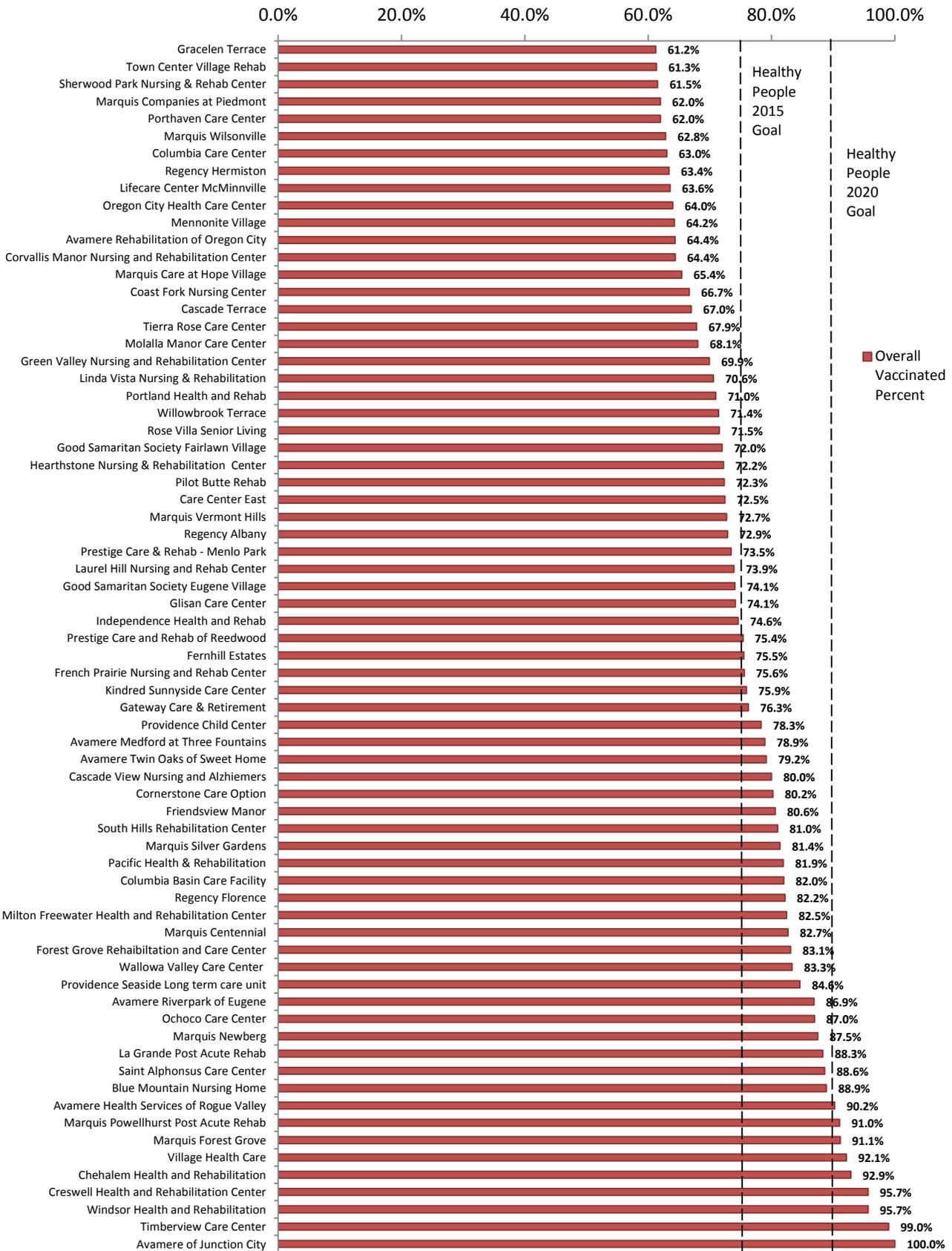
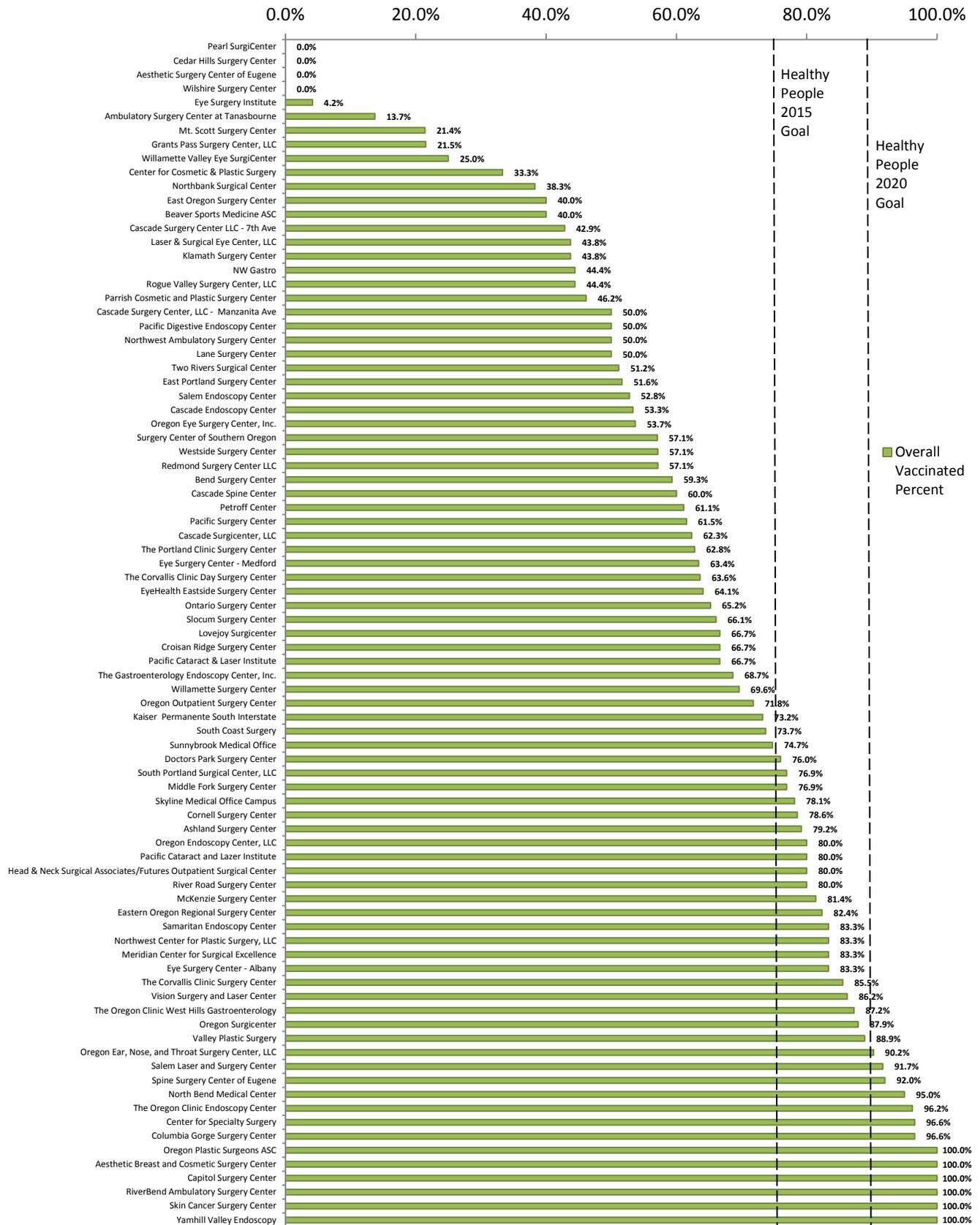


Figure 4: Ambulatory surgery center overall influenza vaccination percentages, 2012–2013 season



Among hospitals, 70% met the 75% vaccination goal for Healthy People 2015 for employees, while 30% met the goal for credentialed non-employees and 44% met the goal for other non-employees (Table 7). Among long-term care facilities, 27% met the 75% vaccination goal for Healthy People 2015 for employees, while 52% met the goal for credentialed non-employees and 43% met the goal for other non-employees. Finally, among ambulatory surgery centers, 45% met the 75% vaccination goal for Healthy People 2015 for employees, while 49% met the goal for credentialed non-employees and 82% met the goal for other non-employees. Hospitals had the highest proportion of facilities meeting the 75% vaccination goal for Healthy People 2015 for all HCWs at 52%, while 37% of long-term care facilities and 41% of ambulatory surgery centers met the goal.

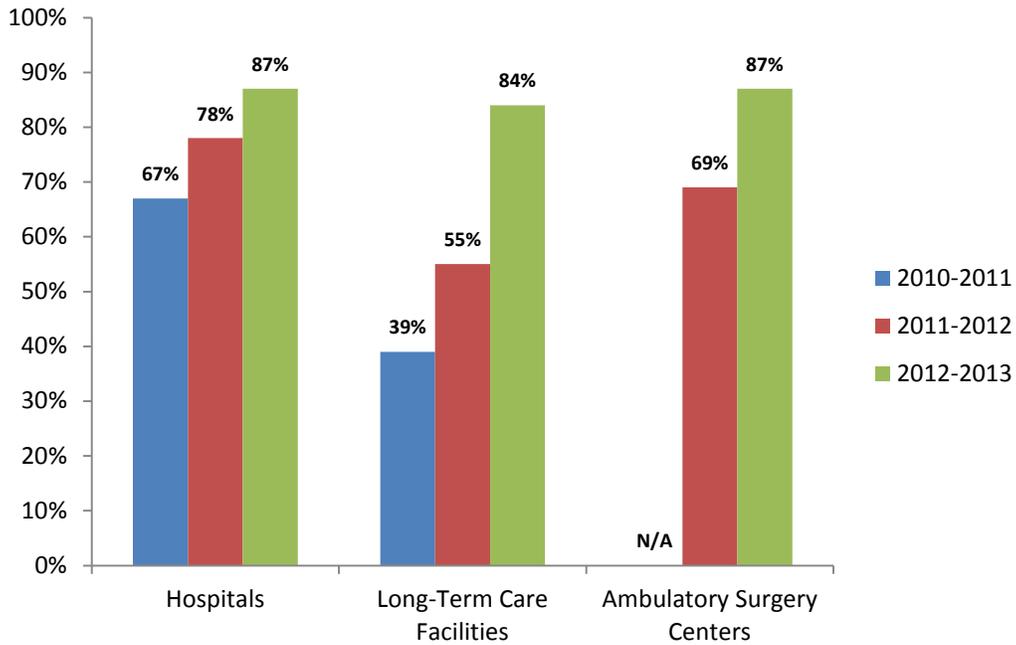
Table 7: Facilities meeting Healthy People targets, 2012–2013 season

Facility Category	Count of Facilities	60% or Greater Vaccination		75% or Greater Vaccination		90% or Greater Vaccination	
		Count	Percent	Count	Percent	Count	Percent
Employees							
Hospitals	60	57	95%	42	70%	5	8%
Long-Term Care Facilities	139	82	59%	37	27%	8	6%
Ambulatory Surgery Centers	84	55	65%	38	45%	17	20%
Non-Employees, Credentialed							
Hospitals	56	23	41%	17	30%	7	13%
Long-Term Care Facilities	66	35	53%	34	52%	34	52%
Ambulatory Surgery Centers	71	43	61%	35	49%	27	38%
Non-Employees, Other							
Hospitals	54	32	59%	24	44%	13	24%
Long-Term Care Facilities	83	38	46%	36	43%	33	40%
Ambulatory Surgery Centers	17	15	88%	14	82%	13	76%
Overall Facility							
Hospitals	60	50	83%	31	52%	3	5%
Long-Term Care Facilities	139	76	55%	37	27%	9	6%
Ambulatory Surgery Centers	85	53	62%	35	41%	13	15%

Healthcare Worker's Vaccination Attitudes

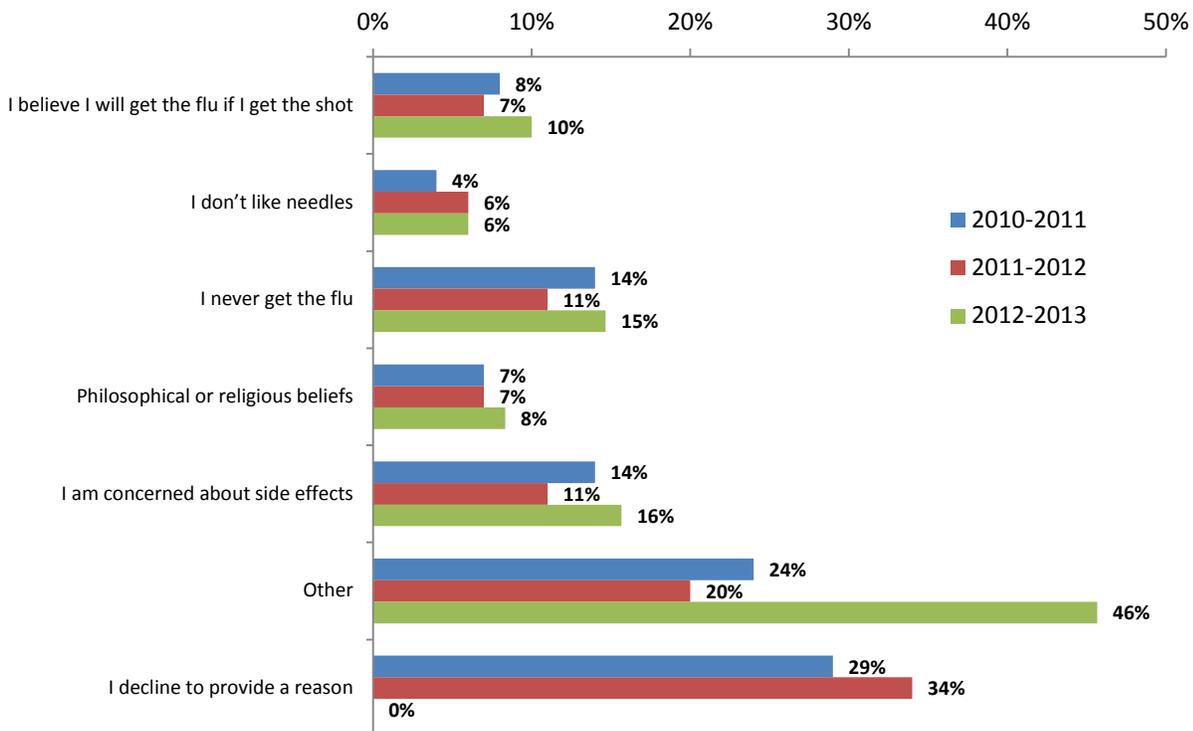
The proportion of hospitals that provided data on the reasons for vaccination declination increased from 67% for the 2010—2011 season to 87% (52/60 facilities) for the 2012—2013 season (Figure 5) from 39% to 84% (117/139) for the long term care facilities, and from 69% to 87% (74/85)for the ambulatory surgery centers.

Figure 5: Percentage of facilities that provided data on HCW declination reasons, 2010–2013 seasons



The reason most commonly reported by HCWs (46%) for declining vaccination was “other” during the 2012–2013 season (Figure 6). This report marks the first year responding facilities were not able to enter data on the number of healthcare workers who declined to provide a reason for their vaccination refusal; facilities were encouraged to gather as much data on reasons for declination as possible. However, it is possible that some of those previously captured in the “I decline to provide a reason” category are now captured in the “other” category. “Other” comments included: I decline to provide a reason, personal choice, not medically necessary, too late in the season, and already had the flu. Additional common reasons for declination included concerns about side effects (16%), denying ever getting the flu (15%), and believing the vaccination will cause the flu (10%).

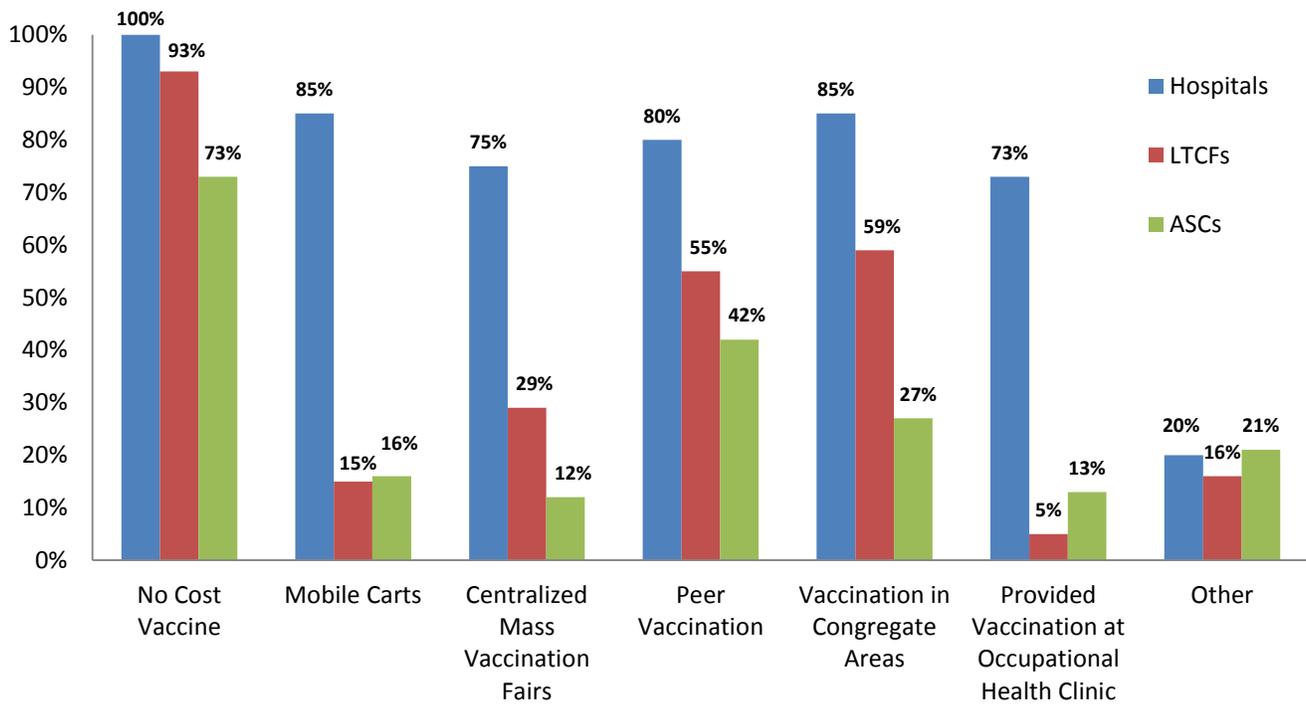
Figure 6: Healthcare worker’s reasons for influenza vaccine declinations, 2010–2013 seasons



Promotion, Delivery, and Formal Education

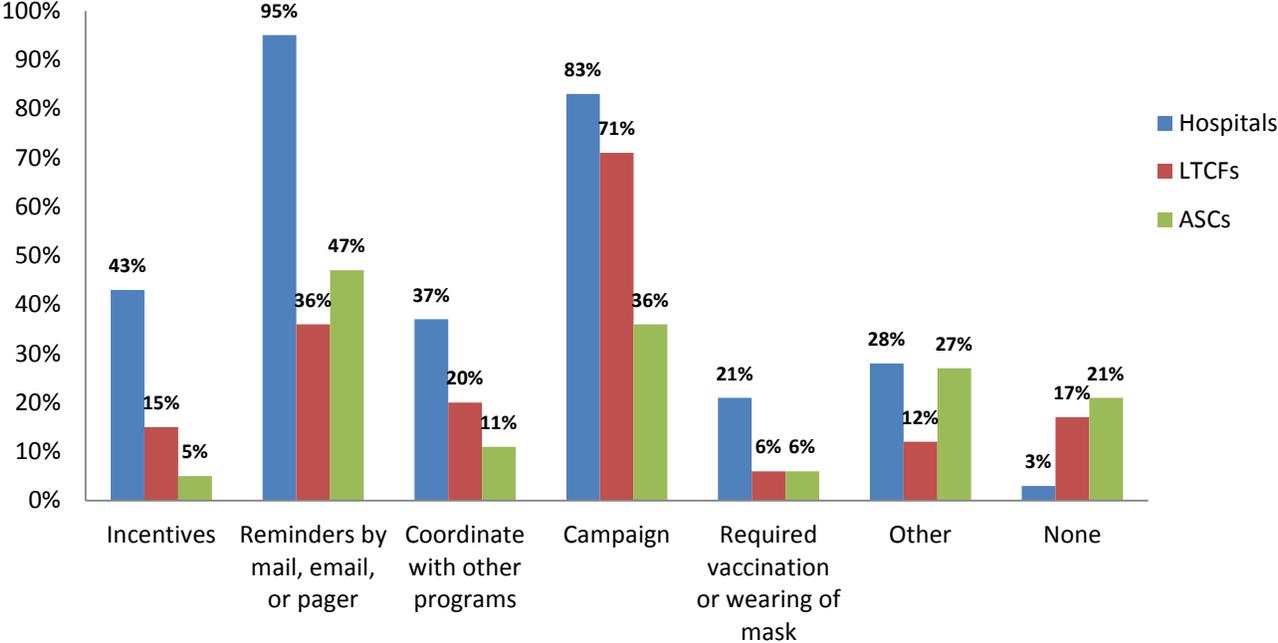
The survey included questions to address what activities facilities used to promote and deliver vaccines and to formally educate its workers about the influenza vaccine. All hospitals provided no cost vaccines while 93% of long-term care facilities and 73% of ambulatory care facilities provided no cost vaccines (Figure 7). Additionally, hospitals used other vaccine delivery methods including mobile carts (85%), centralized mass vaccination fairs (75%), peer vaccination (80%), vaccination in congregate areas (85%), and vaccination at occupational health clinics (73%). Both long-term care facilities and ambulatory surgery centers used these additional methods, but to a lesser extent than hospitals. Vaccination in congregate areas was the second most utilized delivery method among long-term care facilities (59%), while peer vaccination was the second most utilized delivery method among ambulatory surgery centers (42%).

Figure 7: Influenza vaccination delivery methods, 2012–2013 season



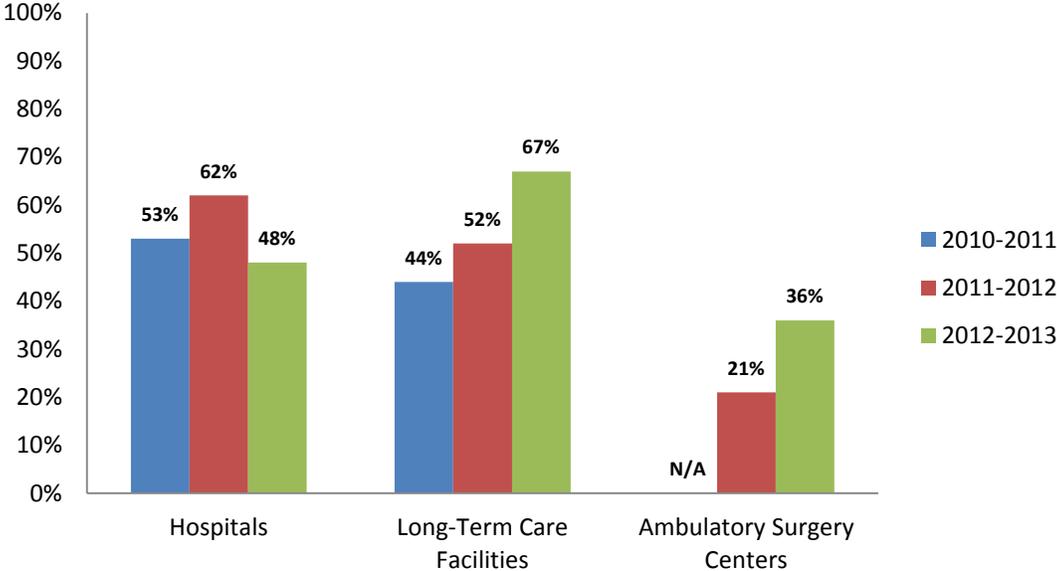
Hospitals, long-term care facilities, and ambulatory surgery centers continue to favor reminders and campaigns (including posters, flyers, and buttons) as the top method of promoting HCW influenza vaccination (Figure 8). The proportion of facilities that had no formal promotional activities remained steadily low (3%) for hospitals, yet 17% of long term care facilities and 21% of ambulatory surgery centers reported no formal promotional activities.

Figure 8: Influenza vaccination promotion methods, 2012–2013 season



Finally, facilities were asked if they had a formal educational program on influenza vaccination. The proportion of long-term care facilities and ambulatory surgery centers that reported having a formal education program in place increased from the previous influenza season to 67% and 36%, respectively (Figure 9). However, the proportion of hospitals that reported having a formal education program in place decreased from 62% in the 2011—2012 season to 48% in the 2012—2013 season.

Figure 9: Formal education on influenza vaccination for healthcare workers, 2010–2013 seasons



Limitations

These data are self-reported by the facilities. Surveillance methods and resources vary across facilities, which may affect a facility’s ability to report vaccination percentages. A facility’s surveillance activities may have more of an impact on their vaccination percentage rather than the number of HCWs being vaccinated. The data collection method has changed over the years to align with evolving federal standards for this measurement, which has affected the comparability of the data over time.

Future Activities

The Oregon Health Authority will distribute data collection forms for HCW vaccination coverage for the 2013—2014 influenza season to hospitals, long-term care facilities, and ambulatory surgery centers. The data will be requested from the facilities in the spring of 2014 and will be released during 2014. The data from this report will also be used by the Healthcare Worker Vaccination Workgroup for its work to promote patient safety through annual healthcare worker vaccination.

References

1. CDC. Estimates of deaths associated with seasonal influenza – United States, 1976-2007. MMWR 2010; 59:1057-1062.
2. Thompson WW, Shay DK, Weintraub E, et al. Influenza-associated hospitalizations in the United States. JAMA 2004; 292:1333-1340.
3. CDC. Prevention and control of influenza with vaccines: recommendations of the Advisory Committee on Immunization Practices (ACIP), 2010. MMWR 2010(No.RR-8).
4. Talbot TR, Babcock H, Caplan AL, et al. Revised SHEA position paper: Influenza vaccination of healthcare personnel. Infect Control Hosp Epidemiol 2010;31(10):987-995.
5. Wendelboe AM, Avery C, Andarade B, Baumbach J, Landen MG. Importance of employee vaccination against influenza in preventing cases in long-term care facilities. Infect Control Hosp Epidemiol 2011; 32(10):990-997.
6. Ahmed F, Lindley MC, Allred N, Weinbaum CM, Grohskopf L. Effect of influenza vaccination of health care personnel on morbidity and mortality among patients: systematic review and grading of evidence. Clin Infect Dis 2012;doi: 10.1093/cid/cit580.
7. CDC. Immunization of Health-Care Personnel: Recommendations of the Advisory Committee on Immunization Practices (ACIP). MMWR 2011;60(No. SS-7):8-10.
8. CDC. Prevention and control of influenza with vaccines: recommendations of the Advisory Committee on Immunization Practices (ACIP), 2010. MMWR 2010(No.RR-8).
9. The U.S. HHS Action Plan to Prevent Healthcare Associated Infections: Influenza Vaccination of Healthcare Personnel: <http://www.hhs.gov/ash/initiatives/hai/actionplan/hai-action-plan-hcp-flu.PDF>

Appendices

Appendix I: Healthcare worker influenza vaccination survey materials

PUBLIC HEALTH DIVISION
Office of Disease Prevention and Epidemiology

John A. Kitzhaber, MD, Governor

Oregon
Health
Authority

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Portland, OR 97232-2162
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October 16, 2012

TO: Hospitals, Long-Term Care Skilled Nursing Facilities, and Free-Standing Ambulatory Surgical Centers

SUBJECT: Annual Survey on Influenza Vaccination of Staff for 2012-2013

We are writing to provide you with the content for the 2012-2013 healthcare worker influenza survey, so you can prepare to collect this data for the survey. We have revised the survey to include definition updates from the Centers for Disease Control and Prevention (CDC).

Healthcare facilities are required to report influenza vaccination, documented contraindication, and informed declination rates for staff in accordance with ORS 442.851 and OARs 409-023-0000 through 409-023-035. All facilities were notified of this reporting requirement in September 2011.

We have attached three documents to assist you in collecting data during the 2012-2013 flu season:

- **Attachment A** represents the content of the annual healthcare worker influenza vaccination survey. We are sending you this form so you can understand the data that will be collected in the survey.
- **Attachment B** includes definitions for the data fields in the survey form (Attachment A).
- **Attachment C** is a sample influenza consent/declination form that can be used to support the data to be collected for the survey. Note that influenza vaccination, medical contraindication, and refusal of vaccination must be documented. In addition, if your staff members are vaccinated outside of your facility, you need to document this fact so that these staff can be counted as vaccinated. The sample form in Attachment C provides a means to document this information.

This survey is being distributed to multiple contacts per facility, and each facility needs to designate one person to complete the form. This required survey for the 2012-2013 flu season is due **May 20, 2013**.

The survey is available at www.healthoregon.org/hai. If your facility uses the National Healthcare Safety Network (NHSN), questions 1 through 6 may be answered using the Flu Summary module in the NHSN Personnel Safety Component; questions 7 through 10 regarding vaccine delivery and promotion strategies will still need to be answered online at www.healthoregon.org/hai.

If you have any question about this survey, please contact Valerie Ocampo at valerie.l.ocampo@state.or.us or phone 971-673-1111.

Sincerely,



Zintars Beldavs
Healthcare-Associated Infections Program Manager
Center for Public Health Practice, Oregon Health Authority

ATTACHMENT A

Influenza Vaccination/Declination Surveillance

Collection Start Date: October 1, 2012; End Date: March 31, 2013

Facility Name: _____

Facility Address/City: _____

Name and Title of Person Completing Form: _____

- Facility Type: Hospital (including acute, critical access and long-term acute care)
 Long-term Care Facility (including assisted living, skilled nursing, and inpatient rehab)
 Free-standing Ambulatory Surgical Center

The undersigned certifies that the information in this form is accurate and true to the best of their knowledge.

Signature of Person Completing Form: _____ Date: _____

Contact Information: Email: _____ Phone: _____

Record the number of healthcare personnel (HCP) for each category below for the influenza season being tracked.					
*Vaccination type: Influenza	*Influenza subtype ^a : Seasonal	*Influenza Season ^b : 2012/2013	CMS ID#:		
		Employee HCP	Non-Employee HCP		
		*Employees (staff on facility payroll)	*Licensed independent practitioners: Physicians, advanced practice nurses, & physician assistants	*Adult students/trainees & volunteers	Other contract personnel (optional)
Denominator Information					
1. Number of HCP who worked at this healthcare facility for at least 30 days between October 1 & March 31					
Numerator Information					
2. Number of HCP who received an influenza vaccination at this healthcare facility since influenza vaccine became available this season ^b					
3. Number of HCP who provided a written report or documentation of influenza vaccination outside this healthcare facility since influenza vaccine became available this season ^b					
4. Number of HCP who have a medical contraindication ^c to the influenza vaccine					
5. Number of HCP who declined to receive the influenza vaccine this season ^b					
6. Number of HCP with unknown vaccination status (or criteria not met for questions 2-5 above) this season ^b					

*required

^a For the purposes of NHSN, influenza subtype refers to whether seasonal or non-seasonal vaccine is used. Seasonal is the default and only current choice.

^b For the purposes of NHSN, a flu season is defined as July 1 to June 30.

^c Among those receiving trivalent influenza vaccine (TIV), a medical contraindication is a condition of severe allergic reaction (anaphylactic hypersensitivity) to eggs or to other components of the vaccine. Among those receiving live, attenuated influenza vaccine (LAIV), medical contraindications also include asthma or a history of Guillian-Barré Syndrome.

Questions 7-10: Oregon-specific requirements

Facility Name:		CMS ID#:														
<p>7. Which of the following methods did you use during the influenza season to deliver vaccine to your healthcare workers? (check all that apply)</p> <p><input type="checkbox"/> No cost vaccine</p> <p><input type="checkbox"/> Mobile carts</p> <p><input type="checkbox"/> Centralized mass vaccination fairs</p> <p><input type="checkbox"/> Peer vaccinators</p> <p><input type="checkbox"/> Provided vaccination in congregate areas (e.g. conferences/meetings or cafeteria)</p> <p><input type="checkbox"/> Provided vaccination at occupational health clinic</p> <p><input type="checkbox"/> Other, specify: _____</p>																
<p>8. Which of the following strategies did you use to promote healthcare worker influenza vaccination at your facility? (check all that apply)</p> <p><input type="checkbox"/> No formal promotional activities were conducted</p> <p><input type="checkbox"/> Incentives</p> <p><input type="checkbox"/> Reminders by mail, email, or pager</p> <p><input type="checkbox"/> Coordination of vaccination with other annual programs (e.g., tuberculin skin testing)</p> <p><input type="checkbox"/> Required receipt of vaccination for credentialing (if no contraindications)</p> <p><input type="checkbox"/> Campaign including posters, flyers, buttons, fact sheets</p> <p><input type="checkbox"/> Required vaccination or wearing of mask during influenza season</p> <p><input type="checkbox"/> Required declination form</p> <p><input type="checkbox"/> Other, specify: _____</p> <p>_____</p>																
<p>9. Did you conduct any formal educational programs (i.e., a course or program) on influenza or influenza vaccination for your healthcare workers?</p> <p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p>																
<p>10. For declinations other than for medical contraindication, input the following counts (optional):</p> <table border="1"> <thead> <tr> <th>Counts</th> <th>Reason checked</th> </tr> </thead> <tbody> <tr> <td></td> <td>I believe I will get the flu if I get the shot</td> </tr> <tr> <td></td> <td>I don't like needles</td> </tr> <tr> <td></td> <td>I never get the flu</td> </tr> <tr> <td></td> <td>My philosophical or religious beliefs prohibit vaccination</td> </tr> <tr> <td></td> <td>I am concerned about side effects</td> </tr> <tr> <td></td> <td>Other</td> </tr> </tbody> </table>			Counts	Reason checked		I believe I will get the flu if I get the shot		I don't like needles		I never get the flu		My philosophical or religious beliefs prohibit vaccination		I am concerned about side effects		Other
Counts	Reason checked															
	I believe I will get the flu if I get the shot															
	I don't like needles															
	I never get the flu															
	My philosophical or religious beliefs prohibit vaccination															
	I am concerned about side effects															
	Other															
<p>List reasons for Other:</p> <p>_____</p>																
<p>11. Comments:</p> <p>_____</p>																
<p>If you have any questions regarding data collection for this form, contact Valerie Ocampo at valerie.l.ocampo@state.or.us or (971) 673-1111.</p>																

ATTACHMENT B

Definitions for Influenza Vaccination/Declination Survey 2012-2013

Denominator Statement: Number of healthcare personnel (HCP) who are working in the healthcare facility for at least 30 working days between October 1, 2012, and March 31, 2013, regardless of clinical responsibility or patient contact.

Denominators are to be calculated separately for:

- a. Employees: All persons who receive a direct paycheck from the reporting facility (i.e., on the facility's payroll).
- b. Licensed independent practitioners: Include physicians (MD, DO, MBBS), advanced practice nurses, and physician assistants who are affiliated with the reporting facility who do not receive a direct paycheck from the reporting facility (i.e., they are not on the facility's payroll).
- c. Adult students, trainees and volunteers: Include all students, trainees and volunteers aged 18 or older who do not receive a direct paycheck from the reporting facility.
- d. Other contract personnel (optional): Persons providing care, treatment, or services at the facility through a contract who do not fall into any of the above-mentioned denominator categories. This category is optional at this time.

Numerator Statement: HCP in the denominator population who, after the influenza vaccine became available this season:

- a. received an influenza vaccination administered at the healthcare facility;
- b. reported in writing (paper or electronic) or provided documentation that influenza vaccination was received elsewhere;
- c. were determined to have a medical contraindication of severe allergic reaction (anaphylactic hypersensitivity) to eggs or to other component(s) of the vaccine, or history of Guillian-Barré Syndrome within 6 weeks after a previous influenza vaccination;
- d. were offered but declined the vaccination; or
- e. had an unknown vaccination status or did not otherwise meet any of the definitions of the above-mentioned numerator categories.

Numerators are to be calculated separately for each of the above groups.

Exclusions: None.

Data Source: Medical or administrative records.

Denominator Categories:

1. Include all HCP in each of the three denominator categories who have worked at the facility between October 1 and March 31 for at least 30 working days. This includes persons who joined after October 1 or who left before March 31, or who were on extended leave during part of the reporting period. Work for any number of hours a day should be counted as one working day.
2. Include both full-time and part-time persons. If a person works in two or more facilities, each facility should include the person in their denominator.
3. Count persons as individuals rather than full-time equivalents.
4. Licensed practitioners who receive a direct paycheck from the reporting facility, or who are owners of the reporting facility, should be counted as employees.
5. The denominator categories are mutually exclusive. The numerator data are to be reported separately for each of the three denominator categories.

Numerator Categories:

1. Persons who declined vaccination because of conditions other than those specified as medical contraindications should be categorized as "declined vaccination."
2. Persons who declined vaccination and did not provide any other information should be categorized as "declined vaccination."
3. Persons who did not receive vaccination because of religious or philosophical exemptions should be categorized as "declined vaccination."
4. Persons who deferred vaccination all season should be categorized as "declined vaccination."
5. The numerator categories are mutually exclusive. The sum of the four numerator categories should be equal to the denominator.

**ATTACHMENT C
INFLUENZA VACCINE CONSENT**

Name (print): _____ Employer: _____

Department: _____ Profession: _____

Date of Birth: _____ Gender (Please circle): M F

Response 1	I request that the vaccine be given to me. Signature: _____ Date: _____
-------------------	---

Response 2	I decline the vaccine today because I have already had a flu shot for the 2012-2013 flu season. Clinic where vaccinated: _____ Date vaccinated: _____ (Approximate is OK.) Signature: _____ Date: _____
-------------------	---

Response 3	I decline the vaccine today because I have a medical contraindication. I have been determined to have a medical contraindication condition of severe allergic reaction (anaphylactic hypersensitivity) to eggs or to other component(s) of the vaccine, or history of Guillian-Barré Syndrome within 6 weeks after a previous influenza vaccination. Signature: _____ Date: _____
-------------------	---

Response 4	I decline the vaccine today. If Response 4 is selected, complete the declination form on page 2.
-------------------	---

For Facility Use Only : STAFF TYPE <input type="checkbox"/> Employees (receives paycheck from healthcare facility) <input type="checkbox"/> Non-employees, Credentialed <input type="checkbox"/> Non-employees, Other <input type="checkbox"/> Other contract personnel
--

Declination of Influenza Vaccination

My employer, the Centers for Disease Control and Prevention (CDC), and the Infectious Disease Society of America (IDSA) have recommended that I receive influenza vaccination in order to protect myself and the patients I serve.

I acknowledge that I am aware of the following facts:

- Influenza is a serious respiratory disease that kills an average of 23,607 persons and hospitalizes more than 200,000 persons in the United States each year.
- Influenza vaccination is recommended for me and all other healthcare workers to prevent influenza disease and its complications, including death.
- If I contract influenza, I will shed the virus for 24–48 hours before influenza symptoms appear. My shedding the virus can spread influenza infection to patients in this facility.
- If I become infected with influenza, even when my symptoms are mild, I can spread severe illness to others.
- I understand that the strains of virus that cause influenza infection change almost every year, which is why a different influenza vaccine is recommended each year.
- I cannot get influenza disease from the influenza vaccine.
- The consequences of my refusing to be vaccinated could endanger my health and the health of those with whom I have contact, including:
 - patients in this healthcare setting
 - my coworkers
 - my family
 - my community

Despite these facts, I am choosing to decline influenza vaccination right now. I understand that I may change my mind at any time and accept influenza vaccination, if the vaccine is available.

Signature: _____ **Date:** _____

I decline the vaccination for the following reason(s). Please check all that apply:

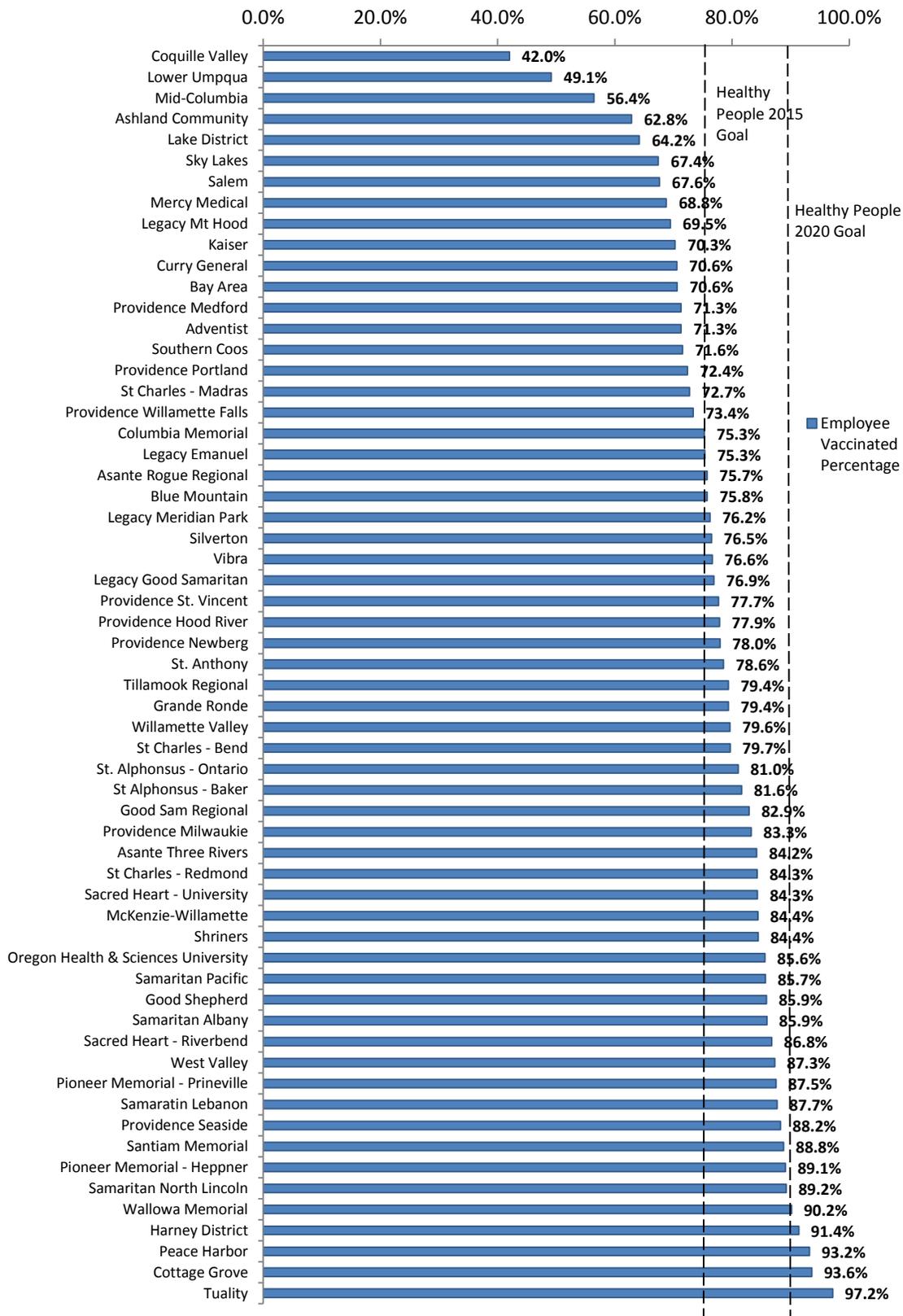
- I believe I will get the flu if I get the shot
- I don't like needles
- I never get the flu
- My philosophical or religious beliefs prohibit vaccination
- I am concerned about side effects
- Other: _____

Have you received information about influenza vaccine? (Please circle): Y N

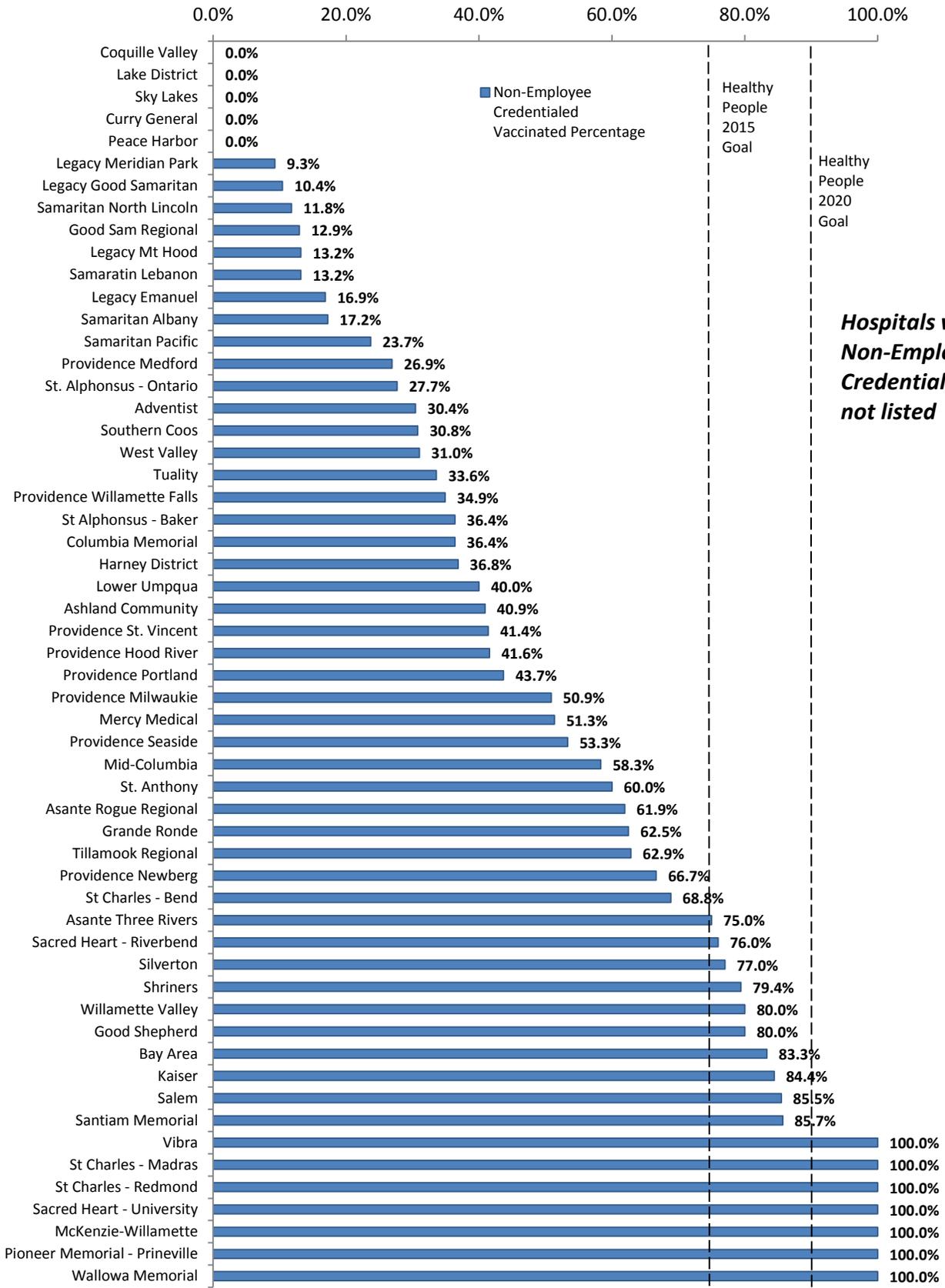
If yes, please indicate where you received that information:

Appendix II: HCW vaccination counts and percentages, 2012–2013 season

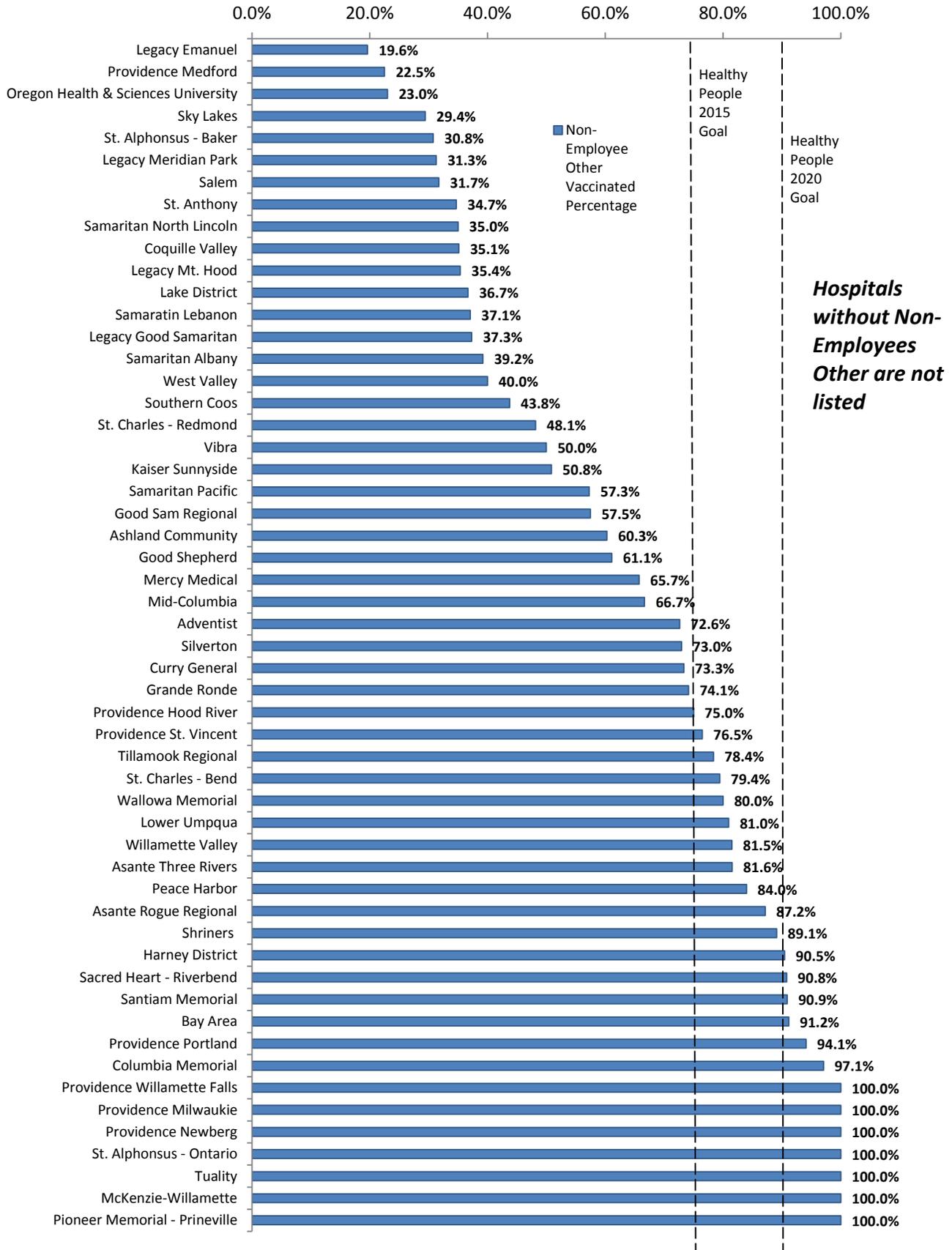
Hospital Employee Vaccinated Percentages



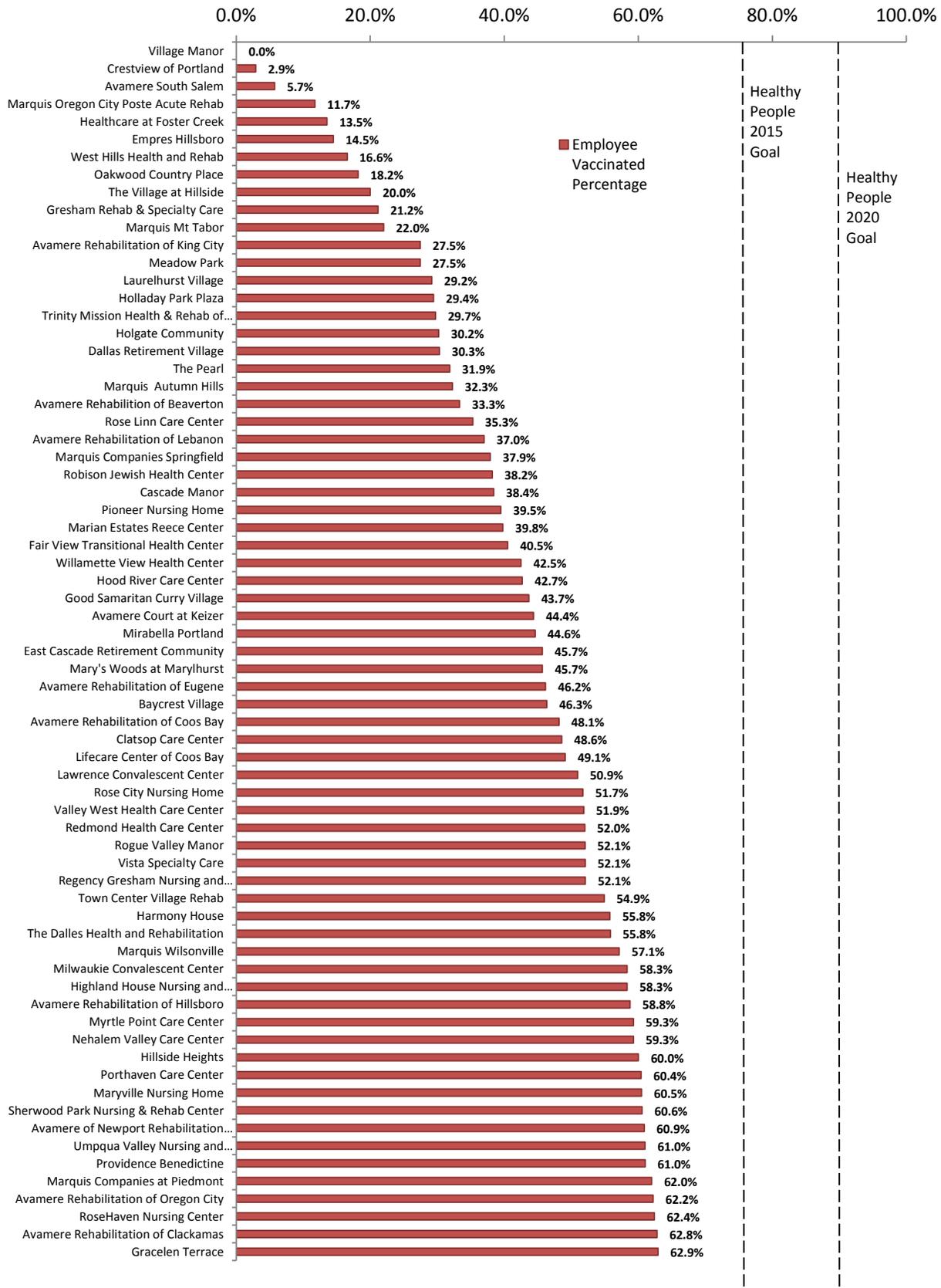
Hospital Non-Employee Credentialed Vaccinated Percentages



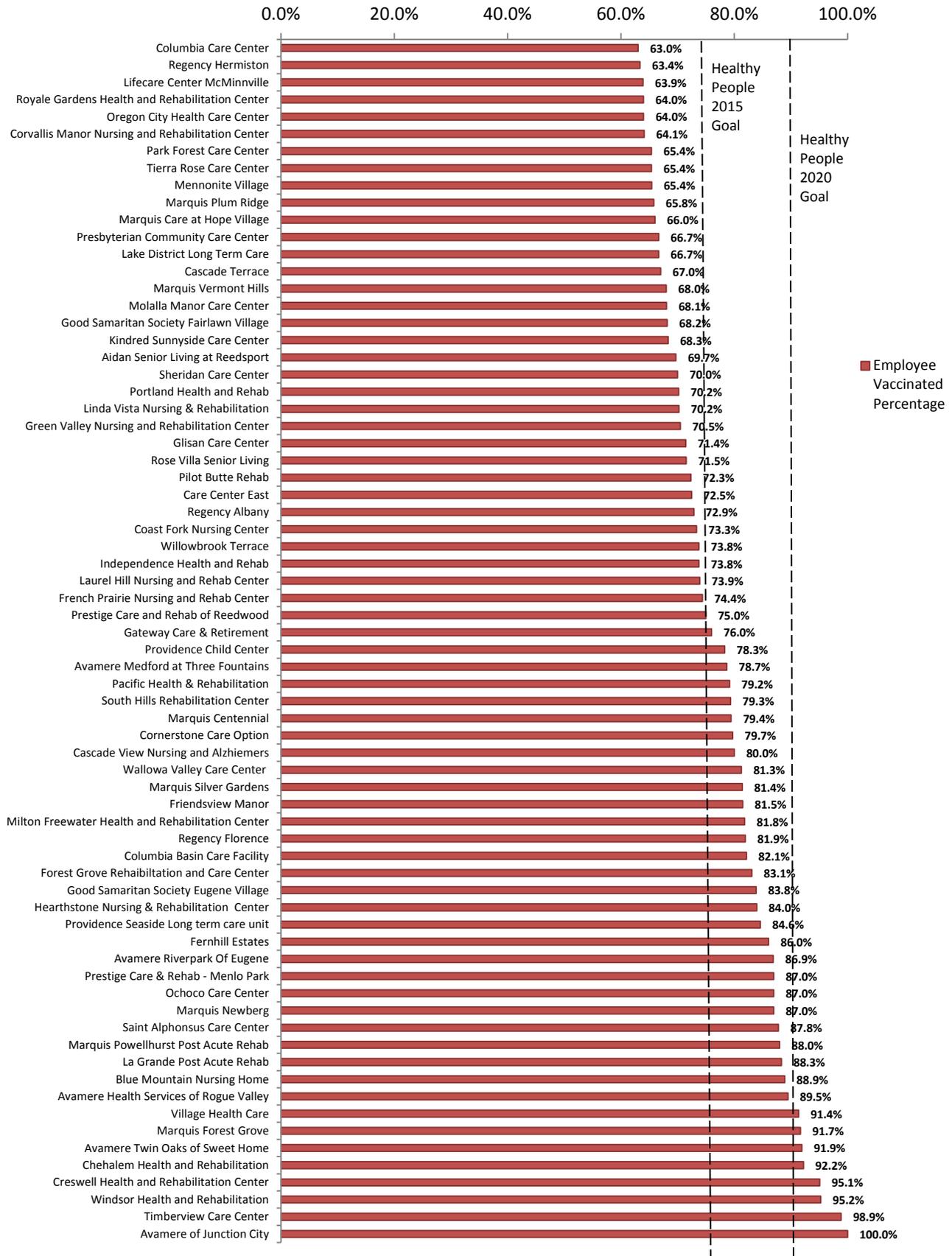
Hospital Non-Employee Other Vaccinated Percentages



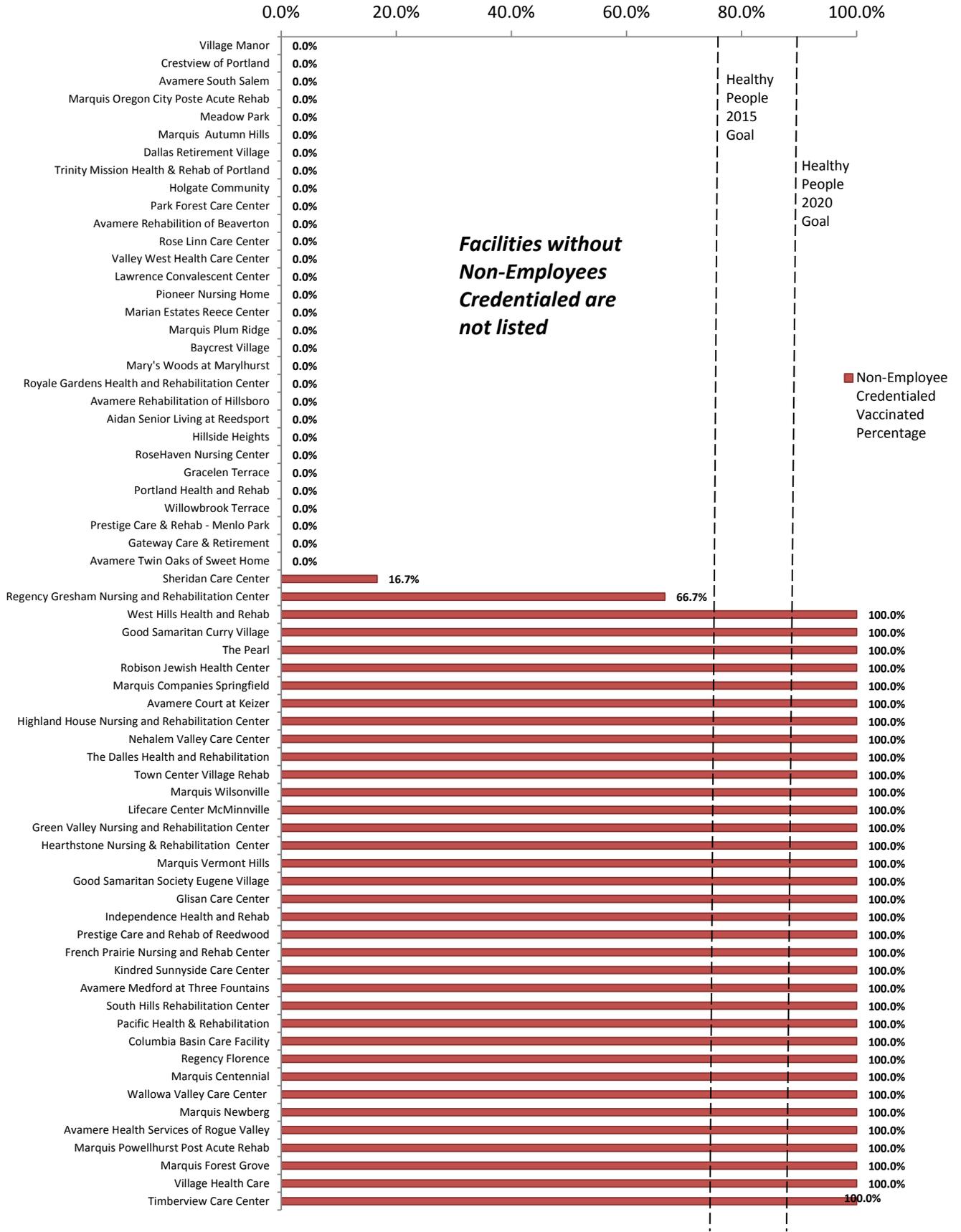
Long-term Care Facilities Employee Vaccinated Percentages



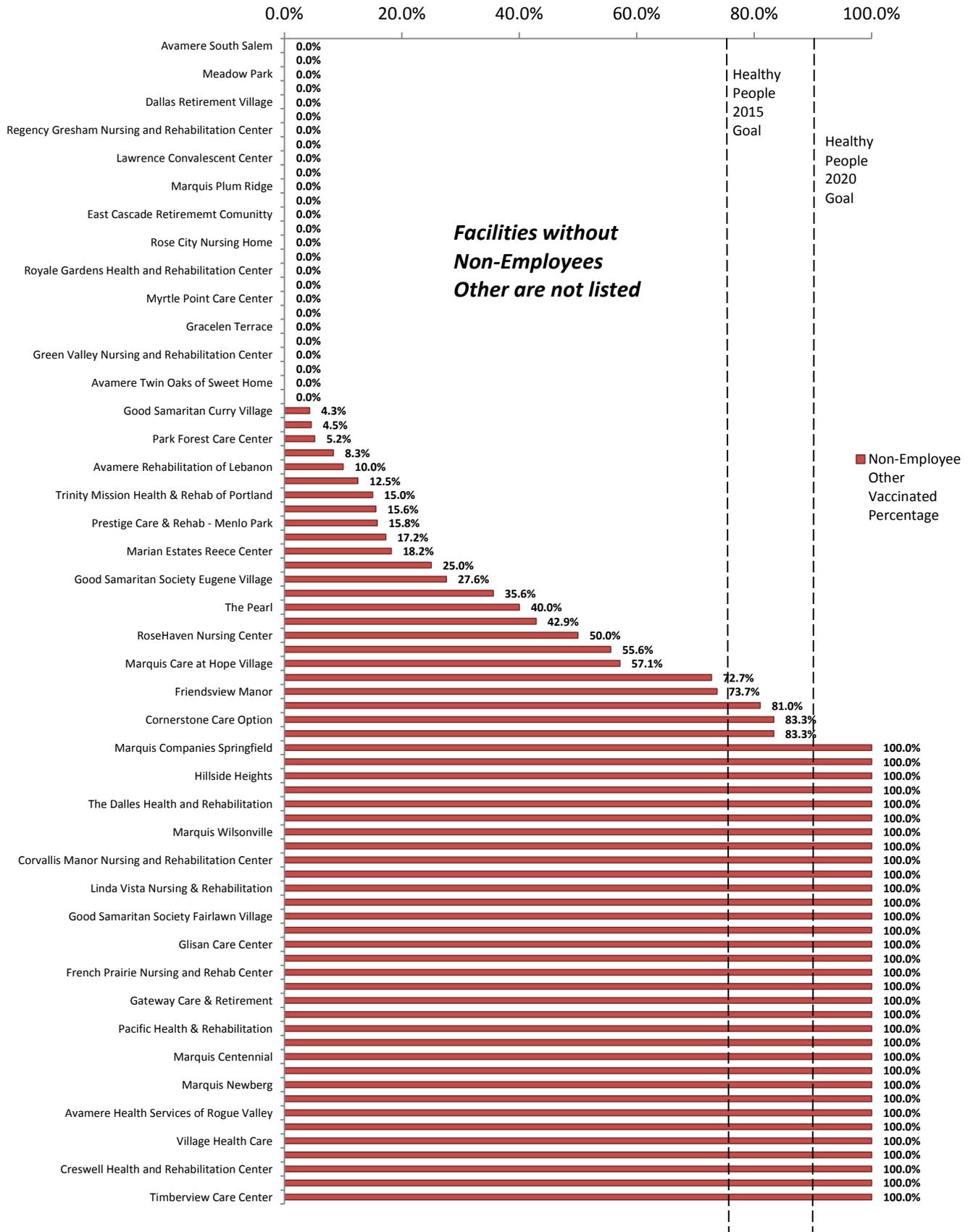
Long-term Care Facilities Employee Vaccinated Percentages, continued



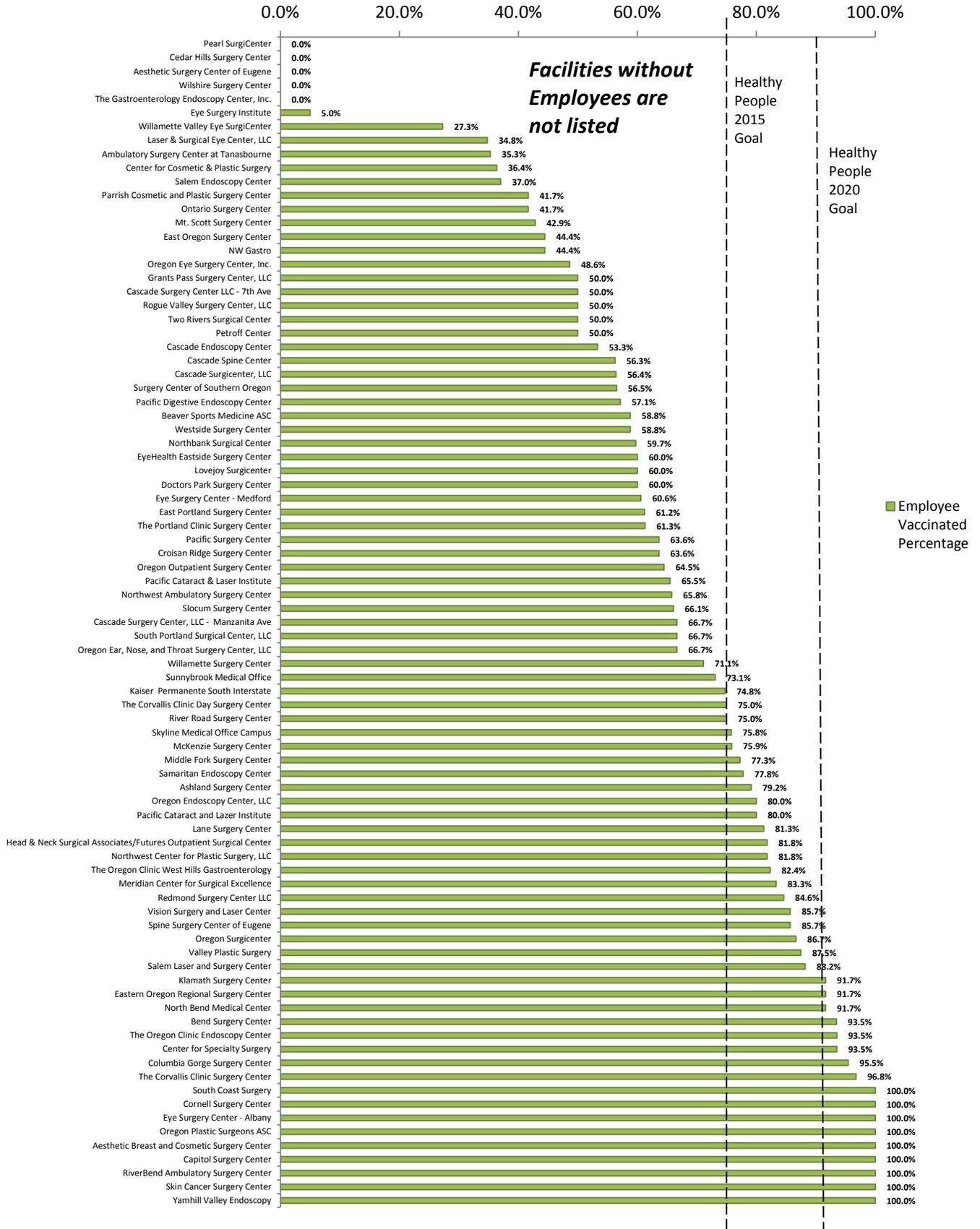
Long-term Care Facilities Non-Employees Credentialed Vaccinated Percentages



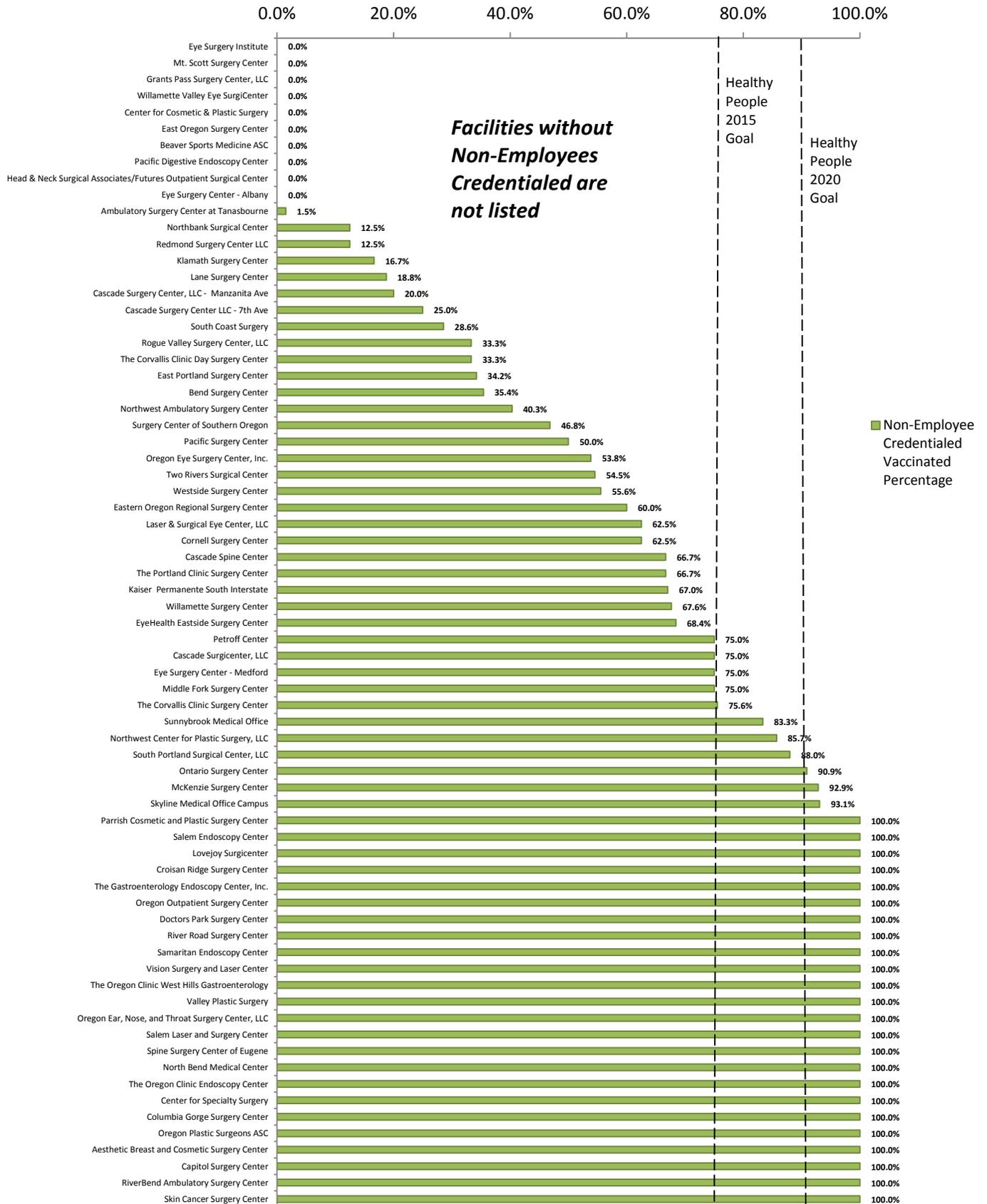
Long-term Care Facilities Non-Employees Other Vaccinated Percentages



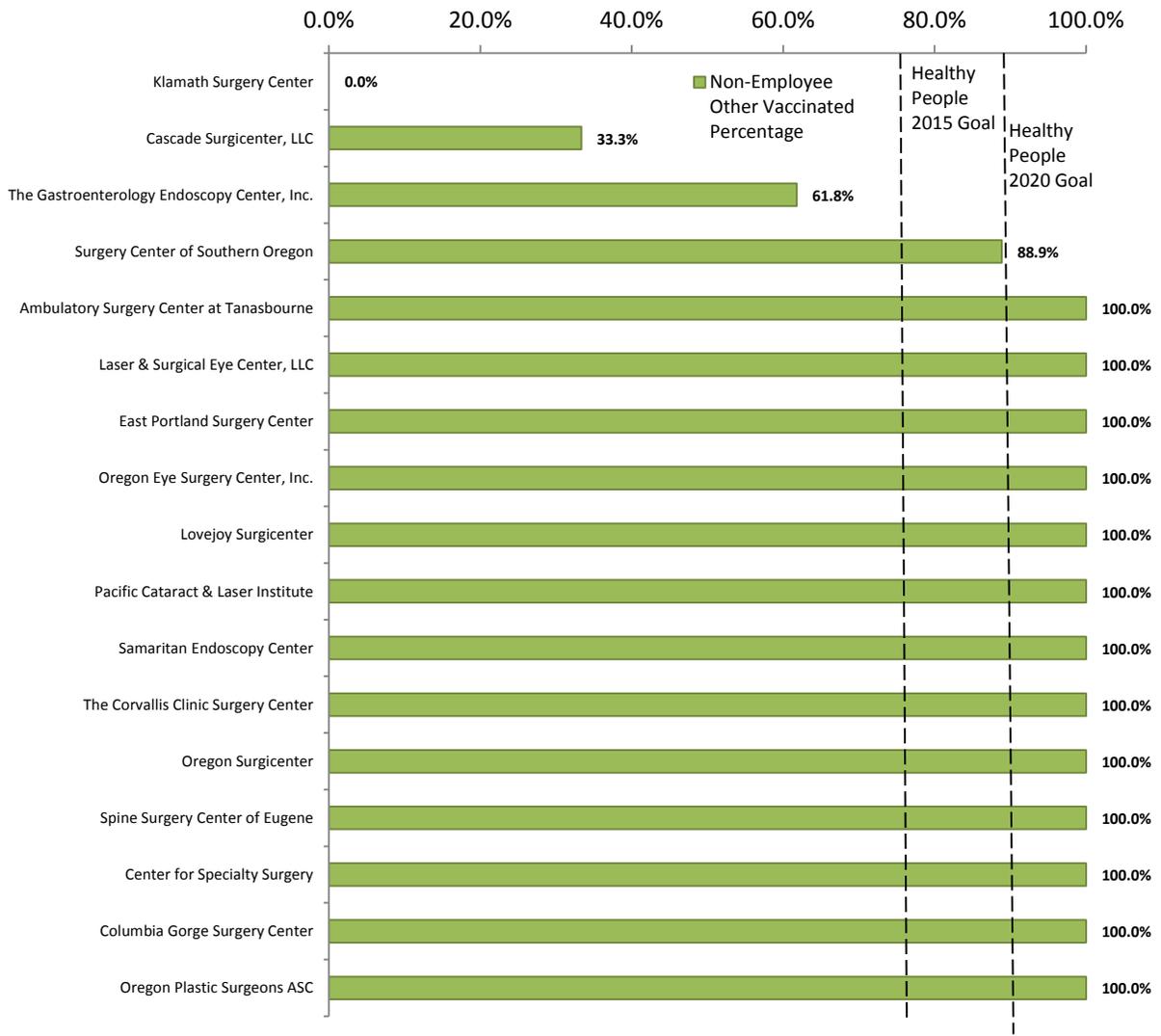
Ambulatory Surgery Centers Employee Vaccinated Percentages



Ambulatory Surgery Centers Non-Employees Credentialed Vaccinated Percentages



Ambulatory Surgery Centers Non-Employees Other Vaccinated Percentages



***Facilities without Non-Employees
Other are not listed***

Appendix III: HCW vaccination counts and percentages, 2012–2013 season

Hospitals

Hospital	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Adventist	68%	1668	71%	1312	30%	56	73%	300
Asante Rogue Regional Medical Center	77%	2994	76%	2131	62%	231	87%	632
Asante Three Rivers Community Hospital	83%	1137	84%	816	75%	60	82%	261
Ashland Community Hospital	61%	258	63%	208	41%	9	60%	41
Bay Area Hospital	72%	719	71%	623	83%	65	91%	31
Blue Mountain Hospital	76%	125	76%	125	-	0	-	0
Columbia Memorial Hospital	74%	420	75%	371	36%	16	97%	33
Coquille Valley Hospital	40%	76	42%	63	0%	0	35%	13
Cottage Grove Community Hospital	94%	161	94%	161	-	0	-	0
Curry General Hospital	69%	172	71%	139	0%	0	73%	33
Good Sam Regional Medical Center	75%	2439	83%	2202	13%	29	57%	208
Good Shepherd Medical Center	85%	507	86%	492	80%	4	61%	11
Grande Ronde Hospital	78%	536	79%	435	63%	15	74%	86
Harney District Hospital	86%	185	91%	159	37%	7	90%	19
Kaiser Sunnyside Medical Center	72%	8730	70%	7351	84%	1349	51%	30
Lake District Hospital	56%	142	64%	120	0%	0	37%	22
Legacy Emanuel Hospital	50%	2979	75%	2481	17%	187	20%	311
Legacy Good Samaritan Hospital	50%	1728	77%	1315	10%	95	37%	318
Legacy Meridian Park	44%	895	76%	670	9%	56	31%	169
Legacy Mt Hood Medical Center	47%	638	69%	464	13%	41	35%	133
Lower Umpqua Hospital	57%	92	49%	56	40%	2	81%	34
McKenzie-Willamette Medical Center	86%	778	84%	660	100%	32	100%	86
Mercy Medical Center	66%	994	69%	683	51%	77	66%	234
Mid-Columbia Medical Center	57%	270	56%	241	58%	21	67%	8

Hospital	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Oregon Health & Science University Hospital	85%	6370	86%	6347	-	0	23%	23
Peace Harbor Hospital	92%	255	93%	234	0%	0	84%	21
Pioneer Memorial Hospital - Heppner	89%	49	89%	49	-	0	-	0
Pioneer Memorial Hospital - Prineville	88%	152	88%	140	100%	6	100%	6
Providence Hood River Memorial Hospital	69%	284	78%	239	42%	42	75%	3
Providence Medford Medical Center	60%	743	71%	660	27%	74	23%	9
Providence Milwaukie Hospital	77%	438	83%	378	51%	59	100%	1
Providence Newberg Medical Center	79%	394	78%	336	67%	16	100%	42
Providence Portland Medical Center	67%	2477	72%	2131	44%	298	94%	48
Providence Seaside Hospital	86%	233	88%	225	53%	8	-	0
Providence St. Vincent Medical Center	68%	2934	78%	2442	41%	466	76%	26
Providence Willamette Falls Medical Center	65%	448	73%	369	35%	59	100%	20
Sacred Heart Medical Center at Riverbend	86%	2890	87%	2555	76%	177	91%	158
Sacred Heart Medical Center at University	85%	454	84%	436	100%	18	-	0
Salem Hospital	65%	3014	68%	2658	85%	218	32%	138
Samaritan Albany General Hospital	79%	1071	86%	1021	17%	10	39%	40
Samaritan Lebanon Community Hospital	73%	625	88%	570	13%	12	37%	43
Samaritan North Lincoln Hospital	76%	377	89%	340	12%	2	35%	35
Samaritan Pacific Communities Hospital	77%	495	86%	419	24%	9	57%	67
Santiam Memorial Hospital	89%	313	89%	277	86%	6	91%	30
Shriners Hospital for Children	86%	413	84%	255	79%	27	89%	131
Silverton Hospital	76%	840	76%	657	77%	67	73%	116
Sky Lakes Medical Center	58%	842	67%	782	0%	0	29%	60
Southern Coos Hospital	65%	94	72%	83	31%	4	44%	7
St Alphonsus Medical Center - Baker	69%	246	82%	218	36%	8	31%	20
St. Alphonsus Medical Center - Ontario	81%	592	81%	466	28%	13	100%	113

Hospital	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
St. Anthony Hospital	73%	308	79%	282	60%	9	35%	17
St Charles Medical Center - Bend	79%	2261	80%	1970	69%	179	79%	112
St Charles Medical Center - Madras	74%	170	73%	160	100%	10	0%	0
St Charles Medical Center - Redmond	83%	369	84%	338	100%	18	48%	13
Tillamook Regional Medical Center	78%	347	79%	296	63%	22	78%	29
Tuality Healthcare	85%	1132	97%	1037	34%	87	100%	8
Vibra Specialty Hospital	73%	202	77%	177	100%	5	50%	20
Wallowa Memorial Hospital	90%	121	90%	110	100%	7	80%	4
West Valley Community Hospital	72%	171	87%	144	31%	9	40%	18
Willamette Valley Medical Center	80%	638	80%	407	80%	68	82%	163

Long-term Care Facilities

Long-Term Care Facility	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Aidan Senior Living at Reedsport	58%	23	70%	23	0%	0	0%	0
Avamere Court at Keizer	57%	118	44%	63	100%	8	81%	47
Avamere Health Services of Rogue Valley	90%	74	89%	68	100%	2	100%	4
Avamere Medford at Three Fountains	79%	206	79%	203	100%	3	-	0
Avamere of Junction City	100%	46	100%	42	-	4	0%	0
Avamere of Newport Rehabilitation and Specialty Care	61%	42	61%	42	-	0	-	0
Avamere Rehabilitation of Beaverton	33%	22	33%	22	0%	0	-	-
Avamere Rehabilitation of Clackamas	44%	27	63%	27	-	0	0%	0
Avamere Rehabilitation of Coos Bay	48%	26	48%	26	-	0	-	0
Avamere Rehabilitation of Eugene	46%	30	46%	30	-	0	-	0
Avamere rehabilitation of Hillsboro	57%	47	59%	47	0%	0	-	0
Avamere Rehabilitation of King City	27%	28	27%	28	-	0	-	0
Avamere Rehabilitation of Lebanon	33%	39	37%	37	-	0	10%	2
Avamere Rehabilitation of Oregon City	64%	56	62%	51	-	0	100%	5
Avamere Riverpark Of Eugene	87%	126	87%	126	-	0	-	0
Avamere South Salem	5%	4	6%	4	0%	0	0%	0
Avamere Twin Oaks of Sweet Home	79%	57	92%	57	0%	0	0%	0
Baycrest Village	45%	118	46%	114	0%	0	25%	4
Blue Mountain Nursing Home	89%	40	89%	40	-	0	-	0
Care Center East	72%	50	72%	50	-	0	-	0
Cascade Manor	37%	48	38%	48	-	0	0%	0
Cascade Terrace	67%	69	67%	69	-	0	-	0
Cascade View Nursing and Alzheimer's	80%	36	80%	36	-	0	-	0
Chehalem Health and Rehabilitation	93%	78	92%	71	-	0	100%	7
Clatsop Care Center	49%	53	49%	51	-	0	100%	2

Long-Term Care Facility	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Coast Fork Nursing Center	67%	44	73%	44	-	0	0%	0
Columbia Basin Care Facility	82%	82	82%	69	100%	5	73%	8
Columbia Care Center	63%	29	63%	29	-	0	-	0
Cornerstone Care Option	80%	65	80%	55	-	0	83%	10
Corvallis Manor Nursing and Rehabilitation Center	64%	76	64%	75	-	0	100%	1
Crestview of Portland	3%	3	3%	3	0%	0	-	0
Creswell Health and Rehabilitation Center	96%	66	95%	58	-	0	100%	8
Dallas Retirement Village	25%	60	30%	60	0%	0	0%	0
East Cascade Retirement Community	45%	37	46%	37	-	0	0%	0
Empres Hillsboro	14%	10	14%	10	-	0	-	0
Fair View Transitional Health Center	41%	32	41%	32	-	0	-	0
Fernhill Estates	76%	37	86%	37	-	0	0%	0
Forest Grove Rehabilitation and Care Center	83%	59	83%	59	-	-	-	-
French Prairie Nursing and Rehab Center	76%	65	74%	61	100%	2	100%	2
Friendsview Manor	81%	133	82%	119	-	0	74%	14
Gateway Care & Retirement	76%	61	76%	57	0%	0	100%	4
Glisan Care Center	74%	63	71%	55	100%	3	100%	5
Good Samaritan Curry Village	34%	54	44%	31	100%	20	4%	3
Good Samaritan Society Eugene Village	74%	120	84%	109	100%	3	28%	8
Gracelen Terrace	61%	73	63%	73	0%	0	0%	0
Green Valley Nursing and Rehabilitation Center	70%	100	71%	98	100%	2	0%	0
Gresham Rehab & Specialty Care	21%	33	21%	33	-	0	-	0
GSS Fairlawn Village	72%	108	68%	90	-	0	100%	18
Harmony House	56%	29	56%	29	-	0	-	0
Healthcare at Foster Creek	14%	21	14%	21	-	-	-	-
Hearthstone Nursing & Rehabilitation Center	72%	117	84%	110	100%	2	17%	5

Long-Term Care Facility	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Highland House Nursing and Rehabilitation Center	59%	86	58%	84	100%	2	-	0
Hillside Heights	58%	35	60%	33	0%	0	100%	2
Holgate Community	29%	77	30%	77	0%	0	-	0
Holladay Park Plaza	29%	58	29%	58	-	0	-	0
Hood River Care Center	43%	35	43%	35	-	0	-	0
Independence Health and Rehab	75%	47	74%	45	100%	1	100%	1
Kindred Sunnyside Care Center	76%	101	68%	69	100%	3	100%	29
La Grande Post Acute Rehab	88%	53	88%	53	-	0	-	0
Lake District Long Term Care	54%	20	67%	20	-	0	0%	0
Laurel Hill Nursing and Rehab Center	74%	34	74%	34	-	0	-	0
Laurelhurst Village	29%	61	29%	61	-	-	-	-
Lawrence Convalescent Center	37%	27	51%	27	0%	0	0%	0
Lifecare Center McMinnville	64%	75	64%	69	100%	1	56%	5
Lifecare Center of Coos Bay	49%	54	49%	54	-	-	-	-
Linda Vista Nursing & Rehabilitation	71%	60	70%	59	-	0	100%	1
Marian Estates Reece Center	38%	74	40%	72	0%	0	18%	2
Marquis Autumn Hills	25%	20	32%	20	0%	0	0%	0
Marquis Care at Hope Village	65%	70	66%	66	-	0	57%	4
Marquis Centennial	83%	105	79%	85	100%	5	100%	15
Marquis Companies at Piedmont	62%	75	62%	75	-	0	-	0
Marquis Companies Springfield	40%	64	38%	58	100%	3	100%	3
Marquis Forest Grove	91%	72	92%	66	100%	1	83%	5
Marquis Mt Tabor	22%	35	22%	35	-	0	-	0
Marquis Newberg	88%	42	87%	40	100%	1	100%	1
Marquis Oregon City Post Acute Rehab	9%	15	12%	15	0%	0	0%	0
Marquis Plum Ridge	41%	75	66%	75	0%	0	0%	0

Long-Term Care Facility	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Marquis Powellhurst Post Acute Rehab	91%	61	88%	44	100%	3	100%	14
Marquis Silver Gardens	81%	35	81%	35	-	0	-	0
Marquis Vermont Hills	73%	64	68%	51	100%	1	100%	12
Marquis Wilsonville	63%	71	57%	56	100%	3	100%	12
Mary's Woods at Marylhurst	45%	127	46%	127	0%	0	0%	0
Maryville Nursing Home	60%	150	60%	150	-	0	-	0
Meadow Park	25%	25	27%	25	0%	0	0%	0
Mennonite Village	64%	255	65%	246	-	0	43%	9
Milton Freewater Health and Rehabilitation Center	82%	47	82%	45	-	0	100%	2
Milwaukie Convalescent Center	58%	49	58%	49	-	0	-	0
Mirabella Portland	45%	95	45%	95	-	0	-	0
Molalla Manor Care Center	68%	49	68%	49	-	0	-	0
Myrtle Point Care Center	57%	32	59%	32	-	0	0%	0
Nehalem Valley Care Center	61%	34	59%	32	100%	1	100%	1
Oakwood Country Place	18%	22	18%	22	-	-	-	-
Ochoco Care Center	87%	40	87%	40	-	0	-	0
Oregon City Health Care Center	64%	32	64%	32	-	0	-	0
Pacific Health & Rehabilitation	82%	68	79%	57	100%	1	100%	10
Park Forest Care Center	32%	37	65%	34	0%	0	5%	3
Pilot Butte Rehab	72%	34	72%	34	-	0	-	0
Pioneer Nursing Home	38%	30	39%	30	0%	0	0%	0
Porthaven Care Center	60%	61	60%	61	-	0	-	0
Portland Health and Rehab	71%	44	70%	40	0%	0	100%	4
Presbyterian Community Care Center	48%	68	67%	66	-	0	5%	2
Prestige Care & Rehab - Menlo Park	73%	83	87%	80	0%	0	16%	3
Prestige Care and Rehab of Reedwood	75%	49	75%	48	100%	1	-	0

	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Long-Term Care Facility								
Providence Benedictine	54%	180	61%	180	-	0	0%	0
Providence Child Center	78%	148	78%	148	-	0	-	0
Providence Seaside- Long term care unit	85%	22	85%	22	-	0	-	0
Redmond Health Care Center	38%	28	52%	26	-	0	8%	2
Regency Albany	73%	43	73%	43	-	-	-	-
Regency Florence	82%	60	82%	59	100%	1	-	0
Regency Gresham Nursing and Rehabilitation Center	34%	70	52%	62	67%	8	0%	0
Regency Hermiston	63%	45	63%	45	-	0	-	0
Robison Jewish Health Center	38%	98	38%	63	100%	3	36%	32
Rogue Valley Manor	52%	76	52%	76	-	0	-	0
Rose City Nursing Home	48%	15	52%	15	-	0	0%	0
Rose Linn Care Center	34%	30	35%	30	0%	0	0%	0
Rose Villa Senior Living	72%	98	72%	98	-	0	-	0
RoseHaven Nursing Center	60%	78	62%	73	0%	0	50%	5
Royale Gardens Health and Rehabilitation Center	55%	103	64%	103	0%	0	0%	0
Saint Alphonsus Care Center	89%	39	88%	36	-	0	100%	3
Sheridan Care Center	43%	41	70%	35	17%	1	13%	5
Sherwood Park Nursing & Rehab Center	62%	44	61%	43	-	0	-	1
South Hills Rehabilitation Center	81%	81	79%	73	100%	3	100%	5
The Dalles Health and Rehabilitation	61%	30	56%	24	100%	2	100%	4
The Pearl	35%	46	32%	36	100%	4	40%	6
The Village at Hillside	20%	6	20%	6	-	0	-	0
Tierra Rose Care Center	68%	76	65%	68	-	0	100%	8
Timberview Care Center	99%	100	99%	86	100%	1	100%	13
Town Center Village Rehab	62%	88	55%	67	100%	1	100%	20

Long-Term Care Facility	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Trinity Mission Health & Rehab of Portland, LLC	25%	25	30%	22	0%	0	15%	3
Umpqua Valley Nursing and Rehabilitation Center	61%	61	61%	61	-	0	-	0
Valley West Health Care Center	37%	68	52%	56	0%	0	16%	12
Village Health Care	92%	82	91%	74	100%	3	100%	5
Village Manor	0%	0	0%	0	0%	0	-	0
Vista Specialty Care	52%	25	52%	25	-	0	-	0
Wallowa Valley Care Center	83%	30	81%	26	100%	1	100%	3
West Hills Health and Rehab	24%	39	17%	25	100%	14	-	0
Willamette View Health Center	43%	34	43%	34	-	0	-	0
Willowbrook Terrace	71%	45	74%	45	0%	0	-	0
Windsor Health and Rehabilitation	96%	66	95%	60	-	0	100%	6

Ambulatory Surgery Centers

Ambulatory surgery center	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Aesthetic Breast and Cosmetic Surgery Center	100%	11	100%	9	100%	2	-	0
Aesthetic Surgery Center of Eugene	0%	0	0%	0	-	0	-	0
Ambulatory Surgery Center at Tanasbourne	14%	14	35%	12	1%	1	100%	1
Ashland Surgery Center	79%	19	79%	19	-	0	-	0
Beaver Sports Medicine ASC	40%	10	59%	10	0%	0	-	0
Bend Surgery Center	59%	140	93%	86	35%	51	-	3
Capitol Surgery Center	100%	4	100%	3	100%	1	-	0
Cascade Endoscopy Center	53%	8	53%	8	-	0	-	0
Cascade Spine Center	60%	15	56%	9	67%	6	-	0
Cascade Surgery Center LLC – 7 th Avenue, Grants Pass	50%	7	67%	6	20%	1	-	0
Cascade Surgery Center, LLC – Manzanita Ave, Grants Pass	43%	6	50%	5	25%	1	-	0
Cascade Surgicenter, LLC	62%	48	56%	22	75%	24	33%	2
Cedar Hills Surgery Center	0%	0	0%	0	0%	0	-	0
Center for Cosmetic & Plastic Surgery	33%	4	36%	4	0%	0	-	0
Center for Specialty Surgery	97%	56	94%	29	100%	24	100%	3
Columbia Gorge Surgery Center	97%	28	95%	21	100%	6	100%	1
Cornell Surgery Center	79%	33	100%	18	63%	15	-	0
Croisan Ridge Surgery Center	67%	16	64%	14	100%	2	-	0
Doctors Park Surgery Center	76%	19	60%	9	100%	10	-	0
East Oregon Surgery Center	40%	4	44%	4	0%	0	-	0
East Portland Surgery Center	52%	47	61%	30	34%	13	100%	4
Eastern Oregon Regional Surgery Center	82%	14	92%	11	60%	3	-	0
Eye Surgery Center - Albany	83%	6	100%	5	0%	1	-	0
Eye Surgery Center - Medford	63%	26	61%	20	75%	6	-	0
Eye Surgery Institute	4%	1	5%	1	0%	0	-	0

Ambulatory surgery center	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
EyeHealth Eastside Surgery Center	64%	25	60%	12	68%	13	-	0
Grants Pass Surgery Center, LLC	22%	14	50%	14	0%	0	-	0
Head & Neck Surgical Associates/Futures Outpatient Surgical Center	80%	36	82%	36	0%	0	-	0
Kaiser Permanente South Interstate	73%	331	75%	270	67%	61	-	0
Klamath Surgery Center	44%	14	92%	11	17%	3	0%	0
Lane Surgery Center	50%	16	81%	13	19%	3	-	0
Laser & Surgical Eye Center, LLC	44%	14	35%	8	63%	5	100%	1
Lovejoy Surgicenter	67%	20	60%	15	100%	4	100%	1
McKenzie Surgery Center	81%	35	76%	22	93%	13	-	0
Meridian Center for Surgical Excellence	83%	10	83%	10	-	0	-	0
Middle Fork Surgery Center	77%	20	77%	17	75%	3	-	0
Mt. Scott Surgery Center	21%	9	43%	9	0%	0	-	0
North Bend Medical Center	95%	38	92%	22	100%	16	-	0
Northbank Surgical Center	38%	54	60%	46	13%	8	-	0
Northwest Ambulatory Surgery Center	50%	50	66%	25	40%	25	-	0
Northwest Center for Plastic Surgery, LLC	83%	15	82%	9	86%	6	-	0
NW Gastro	44%	8	44%	8	-	0	-	0
Ontario Surgery Center	65%	15	42%	5	91%	10	-	0
Oregon Ear, Nose, and Throat Surgery Center, LLC	90%	37	67%	8	100%	29	-	0
Oregon Endoscopy Center, LLC	80%	24	80%	24	-	0	-	0
Oregon Eye Surgery Center, Inc.	54%	29	49%	18	54%	7	100%	4
Oregon Outpatient Surgery Center	72%	28	65%	20	100%	8	-	0
Oregon Plastic Surgeons ASC	100%	23	100%	13	100%	2	100%	8
Oregon Surgicenter	88%	29	87%	26	-	0	100%	3
Pacific Cataract and Laser Institute - Portland	67%	20	66%	19	-	0	100%	1
Pacific Cataract and Laser Institute - Tualatin	80%	8	80%	8	-	0	-	0

Ambulatory surgery center	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Pacific Digestive Endoscopy Center	50%	4	57%	4	0%	0	-	0
Pacific Surgery Center	62%	8	64%	7	50%	1	-	0
Parrish Cosmetic and Plastic Surgery Center	46%	6	42%	5	100%	1	-	0
Pearl SurgiCenter	-	0	-	0	-	0	-	0
Petroff Center	61%	11	50%	5	75%	6	-	0
Redmond Surgery Center LLC	57%	12	85%	11	13%	1	-	0
River Road Surgery Center	80%	24	75%	18	100%	6	-	0
RiverBend Ambulatory Surgery Center	100%	80	100%	50	100%	30	-	0
Rogue Valley Surgery Center, LLC	44%	4	50%	3	33%	1	-	0
Salem Endoscopy Center	53%	19	37%	10	100%	9	-	0
Salem Laser and Surgery Center	92%	22	88%	15	100%	7	-	0
Samaritan Endoscopy Center	83%	20	78%	14	100%	5	100%	1
Skin Cancer Surgery Center	100%	5	100%	4	100%	1	-	0
Skyline Medical Office Campus	78%	336	76%	282	93%	54	-	0
Slocum Surgery Center	66%	37	66%	37	-	0	-	0
South Coast Surgery	74%	14	100%	12	29%	2	-	0
South Portland Surgical Center, LLC	77%	40	67%	18	88%	22	-	0
Spine Surgery Center of Eugene	92%	23	86%	12	100%	5	100%	6
Sunnybrook Medical Office	75%	420	73%	345	83%	75	-	0
Surgery Center of Southern Oregon	57%	113	57%	52	47%	37	89%	24
The Corvallis Clinic Day Surgery Center	64%	7	75%	6	33%	1	-	0
The Corvallis Clinic Surgery Center	86%	71	97%	30	76%	34	100%	7
The Gastroenterology Endoscopy Center, Inc.	69%	46	-	0	100%	12	62%	34
The Oregon Clinic Endoscopy Center	96%	51	94%	29	100%	22	-	0
The Oregon Clinic West Hills Gastroenterology	87%	41	82%	28	100%	13	-	0
The Portland Clinic Surgery Centers	63%	54	61%	38	67%	16	-	0

Ambulatory surgery center	Overall Facility Vaccination		Vaccination for Worker Sub Groups					
			Employees		Non-Employees, Credentialed		Non-Employees, Other	
	Percent	Count	Percent	Count	Percent	Count	Percent	Count
Two Rivers Surgical Center	51%	22	50%	16	55%	6	-	0
Valley Plastic Surgery	89%	8	88%	7	100%	1	-	0
Vision Surgery and Laser Center	86%	25	86%	24	100%	1	-	0
Westside Surgery Center	57%	20	59%	10	56%	10	-	0
Willamette Surgery Center	70%	55	71%	32	68%	23	-	0
Willamette Valley Eye SurgiCenter	25%	3	27%	3	0%	0	-	0
Wilshire Surgery Center	0%	0	0%	0	-	0	-	0
Yamhill Valley Endoscopy	100%	7	100%	7	-	0	-	0

Appendix IV: Percentage of HCW with vaccinated, declined, or unknown vaccination status, 2012—2013 season
Hospitals

Hospital	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Adventist	68%	13%	19%	71%	12%	16%	30%	3%	67%	73%	17%	10%
Asante Rogue Regional	77%	14%	9%	76%	17%	7%	62%	4%	34%	87%	10%	3%
Asante Three Rivers	83%	14%	3%	84%	15%	1%	75%	19%	6%	82%	10%	8%
Ashland Community	61%	28%	11%	63%	34%	4%	41%	0%	59%	60%	10%	29%
Bay Area	72%	27%	1%	71%	28%	1%	83%	15%	1%	91%	9%	0%
Blue Mountain	76%	14%	10%	76%	14%	10%	-	-	-	-	-	-
Columbia Memorial	74%	22%	5%	75%	25%	0%	36%	5%	59%	97%	3%	0%
Coquille Valley	40%	4%	57%	42%	3%	59%	0%	100%	0%	35%	0%	54%
Cottage Grove	94%	2%	5%	94%	2%	5%	-	-	-	-	-	-
Curry General	69%	14%	17%	71%	18%	12%	0%	0%	100%	73%	2%	24%
Good Sam Regional	75%	9%	16%	83%	10%	7%	13%	0%	87%	57%	6%	37%
Good Shepherd	85%	11%	4%	86%	10%	4%	80%	0%	20%	61%	22%	17%
Grande Ronde	78%	17%	5%	79%	19%	2%	63%	29%	8%	74%	3%	22%
Harney District	86%	6%	7%	91%	6%	2%	37%	5%	58%	90%	5%	5%
Kaiser Sunnyside	72%	17%	11%	70%	19%	11%	84%	6%	9%	51%	0%	49%
Lake District	56%	1%	43%	64%	2%	34%	0%	0%	100%	37%	0%	63%
Legacy Emanuel	50%	3%	47%	75%	6%	18%	17%	0%	83%	20%	0%	80%
Legacy Good Sam	50%	3%	48%	77%	5%	18%	10%	0%	90%	37%	1%	62%
Legacy Meridian Park	44%	3%	53%	76%	7%	17%	9%	0%	91%	31%	0%	69%
Legacy Mt Hood	47%	5%	48%	69%	9%	21%	13%	0%	87%	35%	0%	65%
Lower Umpqua	57%	37%	6%	49%	46%	4%	40%	0%	60%	81%	14%	5%
McKenzie-Willamette	86%	14%	0%	84%	16%	0%	100%	0%	0%	100%	0%	0%
Mercy Medical	66%	17%	17%	69%	20%	12%	51%	6%	43%	66%	14%	20%
Mid-Columbia	57%	3%	41%	56%	3%	41%	58%	3%	39%	67%	0%	33%
OHSU	85%	8%	7%	86%	8%	6%	-	-	-	23%	1%	76%

Hospital	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Peace Harbor	92%	6%	2%	93%	7%	0%	0%	0%	100%	84%	0%	16%
Pioneer Memorial - Heppner	89%	7%	0%	89%	7%	0%	-	-	-	-	-	-
Pioneer Memorial - Prineville	88%	8%	4%	88%	8%	4%	100%	0%	0%	100%	0%	0%
Prov Willamette Falls	65%	17%	18%	73%	23%	3%	35%	1%	64%	100%	0%	0%
Prov Hood River	69%	11%	20%	78%	15%	7%	42%	0%	58%	75%	25%	0%
Prov Medford	60%	19%	21%	71%	25%	4%	27%	1%	72%	23%	13%	65%
Prov Milwaukie	77%	13%	11%	83%	16%	1%	51%	2%	47%	100%	0%	0%
Prov Newberg	79%	17%	4%	78%	19%	3%	67%	4%	29%	100%	0%	0%
Prov Portland	67%	13%	20%	72%	16%	12%	44%	2%	55%	94%	0%	6%
Prov Seaside	86%	10%	4%	88%	10%	2%	53%	7%	40%	-	-	-
Prov St. Vincent	68%	13%	19%	78%	18%	5%	41%	2%	57%	76%	0%	24%
Sacred Heart - Riverbend	86%	4%	10%	87%	4%	9%	76%	1%	23%	91%	4%	5%
Sacred Heart - University	85%	6%	9%	84%	6%	9%	100%	0%	0%	-	-	-
Salem	65%	21%	14%	68%	24%	8%	85%	5%	10%	32%	0%	68%
Samaritan Lebanon	73%	3%	24%	88%	4%	9%	13%	0%	87%	37%	0%	63%
Samaritan Albany	79%	4%	17%	86%	4%	10%	17%	0%	83%	39%	0%	61%
Samaritan North Lincoln	76%	5%	19%	89%	6%	5%	12%	0%	88%	35%	2%	63%
Samaritan Pacific	77%	3%	20%	86%	4%	10%	24%	0%	76%	57%	0%	43%
Santiam Memorial	89%	9%	2%	89%	10%	2%	86%	14%	0%	91%	0%	9%
Shriners Hospital for Children	86%	6%	8%	84%	7%	8%	79%	3%	18%	89%	4%	7%
Silverton	76%	20%	4%	76%	22%	1%	77%	14%	9%	73%	9%	18%
Sky Lakes	58%	6%	35%	67%	8%	25%	0%	0%	100%	29%	0%	71%
Southern Coos	65%	13%	22%	72%	16%	12%	31%	0%	69%	44%	0%	56%
St Alphonsus - Baker	69%	14%	18%	82%	18%	1%	36%	0%	64%	31%	0%	69%

Hospital	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
St. Alphonsus - Ontario	81%	5%	15%	81%	6%	13%	28%	0%	72%	100%	0%	0%
St. Anthony	73%	17%	10%	79%	19%	2%	60%	13%	27%	35%	0%	65%
St Charles - Bend	79%	10%	12%	80%	10%	11%	69%	12%	19%	79%	6%	15%
St Charles - Madras	74%	23%	3%	73%	25%	3%	100%	0%	0%	-	-	-
St Charles - Redmond	83%	6%	11%	84%	6%	9%	100%	0%	0%	48%	4%	48%
Tillamook Regional	78%	18%	4%	79%	21%	0%	63%	9%	29%	78%	0%	22%
Tuality	85%	2%	13%	97%	3%	0%	34%	0%	66%	100%	0%	0%
Vibra	73%	21%	6%	77%	23%	1%	100%	0%	0%	50%	15%	35%
Wallowa Memorial	90%	9%	1%	90%	9%	1%	100%	0%	0%	80%	20%	0%
West Valley	72%	9%	20%	87%	12%	1%	31%	0%	69%	40%	2%	58%
Willamette Valley	80%	19%	1%	80%	20%	0%	80%	11%	9%	82%	19%	0%

Long-term Care Facilities

Long-Term Care Facility	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Aidan Senior Living at Reedsport	58%	23%	18%	70%	27%	0%	0%	0%	100%	0%	0%	100%
Avamere Court at Keizer	57%	28%	15%	44%	42%	14%	100%	0%	0%	81%	0%	19%
Avamere Health Services of Rogue Valley	90%	10%	0%	89%	11%	0%	100%	0%	0%	100%	0%	0%
Avamere Medford at Three Fountains	79%	18%	3%	79%	19%	3%	100%	0%	0%	-	-	-
Avamere of Junction City	100%	7%	0%	100%	7%	0%	-	-	-	0%	0%	0%
Avamere of Newport Rehabilitation and Specialty Care	61%	3%	36%	61%	3%	36%	-	-	-	-	-	-
Avamere Rehabilitation of Beaverton	33%	22%	45%	33%	23%	44%	0%	0%	100%	-	-	-
Avamere Rehabilitation of Clackamas	44%	5%	26%	63%	7%	37%	-	-	-	0%	0%	0%
Avamere Rehabilitation of Coos Bay	48%	6%	46%	48%	6%	46%	-	-	-	-	-	-
Avamere Rehabilitation of Eugene	46%	23%	14%	46%	23%	14%	-	-	-	-	-	-
Avamere rehabilitation of Hillsboro	57%	10%	40%	59%	10%	39%	0%	0%	100%	-	-	-
Avamere Rehabilitation of King City	27%	29%	43%	27%	29%	43%	-	-	-	-	-	-
Avamere Rehabilitation of Lebanon	33%	68%	0%	37%	63%	0%	-	-	-	10%	90%	0%
Avamere Rehabilitation of Oregon City	64%	6%	23%	62%	6%	24%	-	-	-	100%	0%	0%
Avamere Riverpark Of Eugene	87%	14%	3%	87%	14%	3%	-	-	-	-	-	-
Avamere South Salem	5%	7%	0%	6%	9%	0%	0%	0%	0%	0%	0%	0%
Avamere Twin Oaks of Sweet Home	79%	14%	14%	92%	0%	0%	0%	100%	100%	0%	100%	100%
Baycrest Village	45%	12%	5%	46%	13%	0%	0%	0%	0%	25%	0%	75%
Blue Mountain Nursing Home	89%	16%	0%	89%	16%	0%	-	-	-	-	-	-
Care Center East	72%	28%	0%	72%	28%	0%	-	-	-	-	-	-
Cascade Manor	37%	0%	63%	38%	0%	62%	-	-	-	0%	0%	100%
Cascade Terrace	67%	33%	1%	67%	33%	1%	-	-	-	-	-	-
Cascade View Nursing and Alzheimer's	80%	20%	0%	80%	20%	0%	-	-	-	-	-	-
Chehalem Health and Rehabilitation	93%	6%	0%	92%	6%	0%	-	-	-	100%	0%	0%
Clatsop Care Center	50%	14%	36%	49%	14%	37%	-	-	-	100%	0%	0%

Long-Term Care Facility	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Coast Fork Nursing Center	67%	33%	0%	73%	27%	0%	-	-	-	0%	100%	0%
Columbia Basin Care Facility	82%	12%	1%	82%	11%	1%	100%	0%	0%	73%	27%	0%
Columbia Care Center	63%	37%	0%	63%	37%	0%	-	-	-	-	-	-
Cornerstone Care Option	80%	17%	0%	80%	20%	0%	-	-	-	83%	0%	0%
Corvallis Manor Nursing and Rehabilitation Center	64%	8%	27%	64%	9%	27%	-	-	-	100%	0%	0%
Crestview of Portland	3%	97%	0%	3%	97%	0%	0%	100%	0%	-	-	-
Creswell Health and Rehabilitation Center	96%	4%	0%	95%	5%	0%	-	-	-	100%	0%	0%
Dallas Retirement Village	25%	5%	69%	30%	7%	63%	0%	0%	100%	0%	0%	100%
East Cascade Retirement Community	45%	11%	42%	46%	11%	43%	-	-	-	0%	0%	0%
Empres Hillsboro	14%	0%	86%	14%	0%	86%	-	-	-	-	-	-
Fair View Transitional Health Center	41%	59%	0%	41%	59%	0%	-	-	-	-	-	-
Fernhill Estates	76%	8%	4%	86%	9%	5%	-	-	-	0%	0%	0%
Forest Grove Rehabilitation and Care Center	83%	14%	3%	83%	14%	3%	--	-	-	-	-	-
French Prairie Nursing and Rehab Center	76%	17%	6%	74%	18%	6%	100%	0%	0%	100%	0%	0%
Friendsview Manor	81%	24%	0%	82%	24%	0%	-	-	-	74%	26%	0%
Gateway Care & Retirement	76%	25%	3%	76%	27%	1%	0%	0%	100%	100%	0%	0%
Glisan Care Center	74%	26%	0%	71%	29%	0%	100%	0%	0%	100%	0%	0%
Good Samaritan Curry Village	34%	25%	42%	44%	56%	0%	100%	0%	0%	4%	0%	96%
Good Samaritan Society Eugene Village	74%	9%	15%	84%	8%	8%	100%	0%	0%	28%	10%	52%
Gracelen Terrace	61%	36%	0%	63%	37%	0%	0%	0%	0%	0%	0%	0%
Green Valley Nursing and Rehabilitation Center	70%	30%	0%	71%	31%	0%	100%	0%	0%	0%	0%	0%
Gresham Rehab & Specialty Care	21%	7%	72%	21%	7%	72%	-	-	-	-	-	-
GSS Fairlawn Village	72%	28%	0%	68%	32%	0%	-	-	-	100%	0%	0%
Harmony House	56%	10%	35%	56%	10%	35%	-	-	-	-	-	-

Long-Term Care Facility	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Healthcare at Foster Creek	14%	52%	35%	14%	52%	35%	-	-	-	-	-	-
Hearthstone Nursing & Rehabilitation Center	72%	9%	4%	84%	11%	5%	100%	0%	0%	17%	0%	0%
Highland House Nursing and Rehabilitation Center	59%	41%	0%	58%	42%	0%	100%	0%	0%	-	-	-
Hillside Heights	58%	30%	0%	60%	33%	0%	0%	0%	0%	100%	0%	0%
Holgate Community	29%	13%	59%	30%	13%	56%	0%	0%	100%	-	-	-
Holladay Park Plaza	29%	15%	56%	29%	15%	56%	-	-	-	-	-	-
Hood River Care Center	43%	60%	0%	43%	60%	0%	-	-	-	-	-	-
Independence Health and Rehab	75%	25%	0%	74%	26%	0%	100%	0%	0%	100%	0%	0%
Kindred Sunnyside Care Center	76%	24%	16%	68%	32%	0%	100%	0%	0%	100%	0%	72%
La Grande Post Acute Rehab	88%	12%	0%	88%	12%	0%	-	-	-	-	-	-
Lake District Long Term Care	54%	5%	49%	67%	7%	37%	-	-	-	0%	0%	100%
Laurel Hill Nursing and Rehab Center	74%	30%	0%	74%	30%	0%	-	-	-	-	-	-
Laurelhurst Village	29%	12%	58%	29%	12%	58%	-	-	-	-	-	-
Lawrence Convalescent Center	37%	3%	62%	51%	4%	47%	0%	0%	100%	0%	0%	100%
Lifecare Center McMinnville	64%	33%	9%	64%	32%	6%	100%	0%	0%	56%	44%	44%
Lifecare Center of Coos Bay	49%	34%	17%	49%	34%	17%	-	-	-	-	-	-
Linda Vista Nursing & Rehabilitation	71%	27%	2%	70%	27%	2%	-	-	-	100%	0%	0%
Marian Estates Reece Center	38%	13%	49%	40%	14%	46%	0%	0%	100%	18%	0%	82%
Marquis Autumn Hills	25%	58%	0%	32%	74%	0%	0%	0%	0%	0%	0%	0%
Marquis Care at Hope Village	65%	7%	25%	66%	7%	24%	-	-	-	57%	0%	43%
Marquis Centennial	83%	17%	0%	79%	21%	0%	100%	0%	0%	100%	0%	0%
Marquis Companies at Piedmont	62%	38%	0%	62%	38%	0%	-	-	-	-	-	-
Marquis Companies Springfield	40%	10%	50%	38%	10%	52%	100%	0%	0%	100%	0%	0%
Marquis Forest Grove	91%	9%	0%	92%	8%	0%	100%	0%	0%	83%	17%	0%
Marquis Mt Tabor	22%	72%	6%	22%	72%	6%	-	-	-	-	-	-
Marquis Newberg	88%	13%	0%	87%	13%	0%	100%	0%	0%	100%	0%	0%

Long-Term Care Facility	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Marquis Oregon City Post Acute Rehab	9%	67%	24%	12%	88%	0%	0%	100%	100%	0%	0%	100%
Marquis Plum Ridge	41%	5%	16%	66%	9%	25%	0%	0%	0%	0%	0%	0%
Marquis Powellhurst Post Acute Rehab	91%	13%	0%	88%	18%	0%	100%	0%	0%	100%	0%	0%
Marquis Silver Gardens	81%	5%	14%	81%	5%	14%	-	-	-	-	-	-
Marquis Vermont Hills	73%	3%	0%	68%	4%	0%	100%	0%	0%	100%	0%	0%
Marquis Wilsonville	63%	17%	2%	57%	19%	2%	100%	0%	0%	100%	0%	0%
Mary's Woods at Marylhurst	45%	8%	46%	46%	8%	46%	0%	0%	0%	0%	0%	0%
Maryville Nursing Home	60%	16%	0%	60%	16%	0%	-	-	-	-	-	-
Meadow Park	25%	1%	73%	27%	1%	71%	0%	0%	100%	0%	0%	67%
Mennonite Village	64%	20%	14%	65%	21%	12%	-	-	-	43%	0%	57%
Milton Freewater Health and Rehabilitation Center	82%	16%	4%	82%	16%	4%	-	-	-	100%	0%	0%
Milwaukie Convalescent Center	58%	42%	0%	58%	42%	0%	-	-	-	-	-	-
Mirabella Portland	45%	29%	29%	45%	29%	29%	-	-	-	-	-	-
Molalla Manor Care Center	68%	18%	0%	68%	18%	0%	-	-	-	-	-	-
Myrtle Point Care Center	57%	34%	5%	59%	35%	6%	-	-	-	0%	0%	0%
Nehalem Valley Care Center	61%	16%	23%	59%	17%	24%	100%	0%	0%	100%	0%	0%
Oakwood Country Place	18%	13%	69%	18%	13%	69%	-	-	-	-	-	-
Ochoco Care Center	87%	15%	0%	87%	15%	0%	-	-	-	-	-	-
Oregon City Health Care Center	64%	42%	0%	64%	42%	0%	-	-	-	-	-	-
Pacific Health & Rehabilitation	82%	7%	10%	79%	8%	11%	100%	0%	0%	100%	0%	0%
Park Forest Care Center	32%	16%	26%	65%	35%	27%	0%	0%	100%	5%	0%	17%
Pilot Butte Rehab	72%	15%	13%	72%	15%	13%	-	-	-	-	-	-
Pioneer Nursing Home	38%	48%	18%	39%	50%	13%	0%	0%	100%	0%	0%	100%
Porthaven Care Center	60%	44%	0%	60%	44%	0%	-	-	-	-	-	-
Portland Health and Rehab	71%	27%	5%	70%	30%	5%	0%	0%	0%	100%	0%	0%
Presbyterian Community Care Center	48%	1%	29%	67%	1%	42%	-	-	-	5%	0%	0%

Long-Term Care Facility	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Prestige Care & Rehab - Menlo Park	73%	11%	16%	87%	13%	0%	0%	0%	100%	16%	0%	84%
Prestige Care and Rehab of Reedwood	75%	25%	0%	75%	25%	0%	100%	0%	0%	-	-	-
Providence Benedictine	54%	14%	33%	61%	16%	23%	-	-	-	0%	0%	100%
Providence Child Center	78%	13%	8%	78%	13%	8%	-	-	-	-	-	-
Providence Seaside - Long term care unit	85%	15%	0%	85%	15%	0%	-	-	-	-	-	-
Redmond Health Care Center	38%	18%	47%	52%	26%	22%	-	-	-	8%	0%	100%
Regency Albany	73%	19%	8%	73%	19%	8%	-	-	-	-	-	-
Regency Florence	82%	16%	1%	82%	17%	1%	100%	0%	0%	-	-	-
Regency Gresham Nursing and Rehabilitation Center	34%	14%	53%	52%	22%	26%	67%	8%	25%	0%	1%	99%
Regency Hermiston	63%	37%	0%	63%	37%	0%	-	-	-	-	-	-
Robison Jewish Health Center	38%	0%	62%	38%	0%	62%	100%	0%	0%	36%	0%	64%
Rogue Valley Manor	52%	0%	48%	52%	0%	48%	-	-	-	-	-	-
Rose City Nursing Home	48%	45%	10%	52%	48%	3%	-	-	-	0%	0%	100%
Rose Linn Care Center	34%	62%	22%	35%	65%	18%	0%	0%	100%	0%	0%	133%
Rose Villa Senior Living	72%	11%	28%	72%	11%	28%	-	-	-	-	-	-
RoseHaven Nursing Center	60%	37%	6%	62%	37%	1%	0%	0%	100%	50%	50%	50%
Royale Gardens Health and Rehabilitation Center	55%	31%	14%	64%	36%	0%	0%	0%	100%	0%	0%	100%
Saint Alphonsus Care Center	89%	11%	0%	88%	12%	0%	-	-	-	100%	0%	0%
Sheridan Care Center	43%	27%	30%	70%	28%	2%	17%	17%	67%	13%	28%	60%
Sherwood Park Nursing & Rehab Center	62%	39%	4%	61%	39%	0%	-	-	-	-	-	-
South Hills Rehabilitation Center	81%	20%	0%	79%	22%	0%	100%	0%	0%	100%	0%	0%
The Dalles Health and Rehabilitation	61%	39%	0%	56%	44%	0%	100%	0%	0%	100%	0%	0%
The Pearl	35%	0%	58%	32%	0%	68%	100%	0%	0%	40%	0%	0%
The Village at Hillside	20%	37%	43%	20%	37%	43%	-	-	-	-	-	-
Tierra Rose Care Center	68%	25%	8%	65%	27%	9%	-	-	-	100%	0%	0%

Long-Term Care Facility	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Timberview Care Center	99%	3%	0%	99%	3%	0%	100%	0%	0%	100%	0%	0%
Town Center Village Rehab	62%	29%	10%	55%	34%	11%	100%	0%	0%	100%	0%	0%
Trinity Mission Health & Rehab of Portland, LLC	25%	48%	27%	30%	47%	23%	0%	0%	100%	15%	65%	25%
Umpqua Valley Nursing and Rehabilitation Center	61%	29%	10%	61%	29%	10%	-	-	-	-	-	-
Valley West Health Care Center	37%	4%	56%	52%	7%	47%	0%	0%	100%	16%	0%	69%
Village Health Care	92%	8%	0%	91%	9%	0%	100%	0%	0%	100%	0%	0%
Village Manor	0%	74%	95%	0%	78%	100%	0%	0%	0%	-	-	-
Vista Specialty Care	52%	48%	0%	52%	48%	0%	-	-	-	-	-	-
Wallowa Valley Care Center	83%	17%	3%	81%	19%	3%	100%	0%	0%	100%	0%	0%
Willamette View Health Center	43%	0%	56%	43%	0%	56%	-	-	-	-	-	-
Willowbrook Terrace	71%	25%	3%	74%	26%	0%	0%	0%	100%	-	-	-
Windsor Health and Rehabilitation	96%	4%	0%	95%	5%	0%	-	-	-	100%	0%	0%

Ambulatory Surgery Centers

Ambulatory surgery center	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Aesthetic Breast and Cosmetic Surgery Center	100%	0%	0%	100%	0%	0%	100%	0%	0%	-	-	-
Aesthetic Surgery Center of Eugene	0%	67%	33%	0%	67%	33%	-	-	-	-	-	-
Ambulatory Surgery Center at Tanasbourne	14%	11%	75%	35%	29%	35%	1%	1%	97%	100%	0%	0%
Ashland Surgery Center	79%	17%	0%	79%	17%	0%	-	-	-	-	-	-
Beaver Sports Medicine ASC	40%	44%	32%	59%	65%	0%	0%	0%	100%	-	-	-
Bend Surgery Center	59%	8%	33%	93%	5%	0%	35%	10%	55%	-	-	-
Capitol Surgery Center	100%	0%	0%	100%	0%	0%	100%	0%	0%	-	-	-
Cascade Endoscopy Center	53%	47%	0%	53%	47%	0%	-	-	-	-	-	-
Cascade Spine Center	60%	36%	4%	56%	44%	6%	67%	22%	0%	-	-	-
Cascade Surgery Center LLC – 7 th Avenue, Grants Pass	50%	50%	0%	67%	33%	0%	20%	80%	0%	-	-	-
Cascade Surgery Center, LLC – Manzanita Avenue, Grants Pass	43%	29%	0%	50%	30%	0%	25%	25%	0%	-	-	-
Cascade Surgicenter, LLC	62%	38%	0%	56%	44%	0%	75%	25%	0%	33%	67%	0%
Cedar Hills Surgery Center	0%	100%	0%	0%	100%	0%	0%	0%	0%	-	-	-
Center for Cosmetic & Plastic Surgery	33%	58%	0%	36%	55%	0%	0%	100%	0%	-	-	-
Center for Specialty Surgery	97%	5%	0%	94%	10%	0%	100%	0%	0%	100%	0%	0%
Columbia Gorge Surgery Center	97%	0%	0%	95%	0%	0%	100%	0%	0%	100%	0%	0%
Cornell Surgery Center	79%	14%	7%	100%	0%	0%	63%	25%	13%	-	-	-
Croisan Ridge Surgery Center	67%	33%	0%	64%	36%	0%	100%	0%	0%	-	-	-
Doctors Park Surgery Center	76%	24%	20%	60%	40%	33%	100%	0%	0%	-	-	-
East Oregon Surgery Center	40%	60%	0%	44%	56%	0%	0%	100%	0%	-	-	-
East Portland Surgery Center	52%	10%	38%	61%	16%	22%	34%	3%	63%	100%	0%	0%

Ambulatory surgery center	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Eastern Oregon Regional Surgery Center	82%	12%	6%	92%	8%	0%	60%	20%	20%	-	-	-
Eye Surgery Center - Albany	83%	17%	0%	100%	0%	0%	0%	100%	0%	-	-	-
Eye Surgery Center - Medford	63%	37%	0%	61%	39%	0%	75%	25%	0%	-	-	-
Eye Surgery Institute	4%	96%	0%	5%	95%	0%	0%	100%	0%	-	-	-
EyeHealth Eastside Surgery Center	64%	33%	0%	60%	35%	0%	68%	32%	0%	-	-	-
Grants Pass Surgery Center, LLC	22%	15%	63%	50%	36%	14%	0%	0%	100%	-	-	-
Head & Neck Surgical Associates/Futures Outpatient Surgical Center	80%	18%	2%	82%	16%	2%	0%	100%	0%	-	-	-
Kaiser Permanente South Interstate	73%	0%	31%	75%	0%	31%	67%	0%	34%	-	-	-
Klamath Surgery Center	44%	3%	53%	92%	8%	0%	17%	0%	83%	0%	0%	100%
Lane Surgery Center	50%	6%	44%	81%	13%	6%	19%	0%	81%	-	-	-
Laser & Surgical Eye Center, LLC	44%	56%	0%	35%	65%	0%	63%	38%	0%	100%	0%	0%
Lovejoy Surgicenter	67%	40%	10%	60%	48%	12%	100%	0%	0%	100%	0%	0%
McKenzie Surgery Center	81%	7%	0%	76%	7%	0%	93%	7%	0%	-	-	-
Meridian Center for Surgical Excellence	83%	17%	0%	83%	17%	0%	-	-	-	-	-	-
Middle Fork Surgery Center	77%	23%	0%	77%	23%	0%	75%	25%	0%	-	-	-
Mt. Scott Surgery Center	21%	7%	71%	43%	14%	43%	0%	0%	100%	-	-	-
North Bend Medical Center	95%	8%	0%	92%	13%	0%	100%	0%	0%	-	-	-
Northbank Surgical Center	38%	9%	13%	60%	16%	25%	13%	0%	0%	-	-	-
Northwest Ambulatory Surgery Center	50%	13%	37%	66%	26%	8%	40%	5%	55%	-	-	-
Northwest Center for Plastic Surgery, LLC	83%	17%	0%	82%	18%	0%	86%	14%	0%	-	-	-
NW Gastro	44%	22%	33%	44%	22%	33%	-	-	-	-	-	-
Ontario Surgery Center	65%	26%	9%	42%	50%	8%	91%	0%	9%	-	-	-

Ambulatory surgery center	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
Oregon Ear, Nose, and Throat Surgery Center, LLC	90%	10%	0%	67%	33%	0%	100%	0%	0%	-	-	-
Oregon Endoscopy Center, LLC	80%	17%	3%	80%	17%	3%	-	-	-	-	-	-
Oregon Eye Surgery Center, Inc.	54%	31%	15%	49%	32%	19%	54%	38%	8%	100%	0%	0%
Oregon Outpatient Surgery Center	72%	23%	5%	65%	29%	6%	100%	0%	0%	-	-	-
Oregon Plastic Surgeons ASC	100%	0%	0%	100%	0%	0%	100%	0%	0%	100%	0%	0%
Oregon Surgicenter	88%	12%	0%	87%	13%	0%	-	-	-	100%	0%	0%
Pacific Cataract and Laser Institute - Portland	67%	37%	0%	66%	38%	0%	-	-	-	100%	0%	0%
Pacific Cataract and Laser Institute - Tualatin	80%	20%	0%	80%	20%	0%	-	-	-	-	-	-
Pacific Digestive Endoscopy Center	50%	75%	0%	57%	71%	0%	0%	100%	0%	-	-	-
Pacific Surgery Center	62%	38%	0%	64%	36%	0%	50%	50%	0%	-	-	-
Parrish Cosmetic and Plastic Surgery Center	46%	54%	0%	42%	58%	0%	100%	0%	0%	-	-	-
Pearl SurgiCenter	-	-	-	-	-	-	-	-	-	-	-	-
Petroff Center	61%	39%	0%	50%	50%	0%	75%	25%	0%	-	-	-
Redmond Surgery Center LLC	57%	10%	43%	85%	15%	0%	13%	0%	113%	-	-	-
River Road Surgery Center	80%	20%	0%	75%	25%	0%	100%	0%	0%	-	-	-
RiverBend Ambulatory Surgery Center	100%	0%	0%	100%	0%	0%	100%	0%	0%	-	-	-
Rogue Valley Surgery Center, LLC	44%	22%	0%	50%	17%	0%	33%	33%	0%	-	-	-
Salem Endoscopy Center	53%	33%	3%	37%	44%	4%	100%	0%	0%	-	-	-
Salem Laser and Surgery Center	92%	8%	0%	88%	12%	0%	100%	0%	0%	-	-	-
Samaritan Endoscopy Center	83%	17%	0%	78%	22%	0%	100%	0%	0%	100%	0%	0%
Skin Cancer Surgery Center	100%	0%	0%	100%	0%	0%	100%	0%	0%	-	-	-
Skyline Medical Office Campus	78%	0%	0%	76%	0%	0%	93%	0%	0%	-	-	-
Slocum Surgery Center	66%	18%	18%	66%	18%	18%	-	-	-	-	-	-
South Coast Surgery	74%	16%	0%	100%	0%	0%	29%	43%	0%	-	-	-

Ambulatory surgery center	Overall Facility Vaccination			Vaccination for Worker Subgroups								
				Employee			Non-Employee, Credentialed			Non-Employee, Other		
	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown	Vaccinated	Declined	Unknown
South Portland Surgical Center, LLC	77%	19%	4%	67%	37%	7%	88%	0%	0%	-	-	-
Spine Surgery Center of Eugene	92%	0%	8%	86%	0%	14%	100%	0%	0%	100%	0%	0%
Sunnybrook Medical Office	75%	0%	0%	73%	0%	0%	83%	0%	0%	-	-	-
Surgery Center of Southern Oregon	57%	19%	24%	57%	34%	10%	47%	8%	46%	89%	0%	11%
The Corvallis Clinic Day Surgery Center	64%	36%	0%	75%	25%	0%	33%	67%	0%	-	-	-
The Corvallis Clinic Surgery Center	86%	14%	0%	97%	3%	0%	76%	24%	0%	100%	0%	0%
The Gastroenterology Endoscopy Center, Inc.	69%	31%	0%	-	-	-	100%	0%	0%	62%	38%	0%
The Oregon Clinic Endoscopy Center	96%	4%	0%	94%	6%	0%	100%	0%	0%	-	-	-
The Oregon Clinic West Hills Gastroenterology	87%	13%	0%	82%	18%	0%	100%	0%	0%	-	-	-
The Portland Clinic Surgery Centers	63%	15%	12%	61%	21%	5%	67%	0%	29%	-	-	-
Two Rivers Surgical Center	51%	37%	12%	50%	38%	13%	55%	36%	9%	-	-	-
Valley Plastic Surgery	89%	22%	0%	88%	25%	0%	100%	0%	0%	-	-	-
Vision Surgery and Laser Center	86%	14%	0%	86%	14%	0%	100%	0%	0%	-	-	-
Westside Surgery Center	57%	43%	0%	59%	41%	0%	56%	44%	0%	-	-	-
Willamette Surgery Center	70%	27%	6%	71%	33%	0%	68%	18%	15%	-	-	-
Willamette Valley Eye SurgiCenter	25%	75%	0%	27%	73%	0%	0%	100%	0%	-	-	-
Wilshire Surgery Center	0%	0%	100%	0%	0%	100%	-	-	-	-	-	-
Yamhill Valley Endoscopy	100%	0%	0%	100%	0%	0%	-	-	-	-	-	-

Appendix V: Reported vaccine delivery and promotion methods, 2012–2013 season

Hospitals

Hospital	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Adventist Medical Center	5	4	Yes
Asante Rogue Regional Medical Center	6	6	Yes
Asante Three Rivers Medical Center	6	4	Yes
Ashland Community Hospital	5	3	No
Bay Area Hospital	6	5	Yes
Blue Mountain Hospital	5	4	No
Columbia Memorial Hospital	7	4	No
Coquille Valley Hospital	2	0	No
Cottage Grove Community Hospital	6	4	Yes
Curry Health Network	2	2	No
Good Samaritan Regional Medical Center	6	6	Yes
Good Shepherd Healthcare System	5	4	Yes
Grande Ronde Hospital	6	4	Yes
Harney District Hospital	3	4	No
Kaiser Sunnyside Medical Center	4	3	Yes
Lake District Hospital	3	3	No
Legacy Emanuel Medical Center and Randall Children’s Hospital	7	5	Yes
Legacy Good Samaritan Medical Center	7	5	Yes
Legacy Meridian Park Medical Center	7	5	Yes
Legacy Mt. Hood Medical Center	7	5	Yes
Lower Umpqua Hospital	4	3	No
McKenzie-Willamette Medical Center	5	4	Yes
Mercy Medical Center	7	4	No
Mid Columbia Medical Center	7	2	No
Oregon Health & Science University Hospital	6	6	No

Hospital	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
PeaceHealth Peace Harbor Medical Center	5	6	No
Pioneer Memorial Hospital	4	3	No
Pioneer Memorial Hospital Prineville	6	5	Yes
Providence Hood River Memorial Hospital	6	4	No
Providence Medford Medical Center	6	4	No
Providence Milwaukie Hospital	6	4	No
Providence Newberg Medical Center	6	4	No
Providence Portland Medical Center	6	4	No
Providence St Vincent Medical Center	6	4	No
Providence Willamette Falls Medical Center	6	4	No
Providence Seaside Hospital	6	4	No
Sacred Heart Medical Center at RiverBend	6	4	Yes
Sacred Heart Medical Center University District	6	4	Yes
Saint Alphonsus Medical Center-Baker City	4	4	Yes
Saint Alphonsus Medical Center-Ontario	6	5	Yes
Salem Hospital	6	2	No
Samaritan Albany General Hospital	6	6	Yes
Samaritan LebaOn Community Hospital	4	6	Yes
Samaritan Orth Lincoln Hospital	3	5	Yes
Samaritan Pacific Health Systems	3	3	Yes
Santiam Hospital	3	3	No
Shriners Hospital for Children	5	4	Yes
Silverton Health	5	3	No
Sky Lakes Medical Center	4	3	No
Southern Coos Hospital	2	2	No
St. Anthony Hospital	3	3	No
St. Charles Medical Center - Bend	6	5	Yes

Hospital	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
St. Charles Medical Center - Madras	6	4	No
St. Charles Medical Center - Redmond	6	5	Yes
Tillamook Regional Medical Center	7	5	Yes
Tuality Healthcare	6	5	Yes
Vibra Specialty Hospital Portland	4	4	No
Wallowa Memorial Hospital	2	3	No
West Valley Hospital	5	5	No
Willamette Valley Medical Center	6	4	Yes

Long-term Care Facilities

Long-Term Care Facility	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Aidan Senior Living at Reedsport	2	0	No
Avamere Court at Keizer	5	5	Yes
Avamere Health Services of Rogue Valley	2	3	Yes
Avamere of Junction City	1	2	Yes
Avamere Medford at Three Fountains	2	2	No
Avamere of Newport Rehabilitation and Specialty Care	2	0	Yes
Avamere Rehabilitation of Beaverton	1	1	No
Avamere Rehabilitation of Clackamas	1	1	No
Avamere Rehabilitation of Coos Bay	1	3	No
Avamere Rehabilitation of Eugene	1	2	No
Avamere Rehabilitation of Hillsboro	1	0	No
Avamere Rehabilitation of King City	3	2	Yes
Avamere Rehabilitation of Lebanon	3	1	No
Avamere Rehabilitation of Oregon City	3	3	Yes
Avamere Riverpark of Eugene	3	4	Yes
Avamere South Salem	1	5	Yes
Avamere Twin Oaks of Sweet Home	1	0	No
Baycrest Village	4	2	Yes
Blue Mountain Nursing Home	4	1	Yes
Care Center East	2	2	Yes
Cascade Manor	3	1	No
Cascade Terrace	2	2	Yes
Cascade View Nursing and Alzheimer's	1	1	Yes
Chehalem Health and Rehabilitation	5	3	Yes
Clatsop Care Center	3	3	Yes
Coast Fork Nursing Center	4	2	Yes

Long-Term Care Facility	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Columbia Basin Care Facility	3	4	Yes
Columbia Care Center	1	1	Yes
Cornerstone Care Option	2	2	Yes
Corvallis Manor Nursing and Rehabilitation Center	4	4	Yes
Crestview of Portland	2	0	No
Creswell Health and Rehabilitation Center	1	2	Yes
Dallas Retirement Village	2	2	No
East Cascade Retirement Community	1	2	Yes
Empres Hillsboro	2	0	No
Fair View Transitional Health Center	3	2	No
Fernhill Estates	3	2	Yes
Forest Grove Rehabilitation and Care Center	1	0	Yes
French Prairie Nursing and Rehab Center	1	1	Yes
Friendsview Manor	6	3	Yes
Gateway Care & Retirement	3	3	Yes
Glisan Care Center	2	3	Yes
Good Samaritan Curry Village	4	4	Yes
Good Samaritan Society Eugene Village	4	3	No
Gracelen Terrace	2	1	Yes
Green Valley Nursing and Rehabilitation Center	3	3	Yes
Gresham Rehab & Specialty Care	2	0	No
GSS Fairlawn Village	1	0	Yes
Harmony House	2	1	Yes
Healthcare at Foster Creek	1	2	Yes
Hearthstone Nursing & Rehabilitation Center	5	3	Yes
Highland House Nursing and Rehabilitation Center	4	4	Yes
Hillside Heights	2	2	Yes

Long-Term Care Facility	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Holgate Community	4	3	Yes
Holladay Park Plaza	2	2	Yes
Hood River Care Center	1	1	No
Independence Health and Rehab	3	1	Yes
Kindred Sunnyside Care Center	3	3	No
La Grande Post Acute Rehab	2	2	Yes
Lake District Long Term Care	2	2	No
Laurel Hill Nursing and Rehab Center	2	0	Yes
Laurelhurst Village	4	5	Yes
Lawrence Convalescent Center	3	1	No
Lifecare Center of Coos Bay	3	2	No
Lifecare Center McMinnville	3	2	Yes
Linda Vista Nursing & Rehabilitation	2	3	No
Marian Estates Reece Center	2	4	No
Marquis Autumn Hills	4	2	Yes
Marquis Care at Hope Village	2	3	Yes
Marquis Centennial	2	2	Yes
Marquis Companies at Piedmont	4	0	No
Marquis Companies Springfield	4	3	No
Marquis Forest Grove	2	2	Yes
Marquis Mt Tabor	2	2	Yes
Marquis Newberg	3	2	Yes
Marquis Oregon City Post Acute Rehab	3	0	Yes
Marquis Plum Ridge	3	3	Yes
Marquis Powellhurst Post Acute Rehab	2	1	Yes
Marquis Silver Gardens	2	2	Yes
Marquis Vermont Hills	2	2	No

Long-Term Care Facility	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Marquis Wilsonville	1	1	Yes
Mary's Woods at Marylhurst	3	4	Yes
Maryville Nursing Home	4	3	Yes
Meadow Park	3	3	No
Mennonite Village	3	3	Yes
Milton Freewater Health and Rehabilitation Center	2	3	Yes
Milwaukie Convalescent Center	3	3	Yes
Mirabella Portland	4	2	Yes
Molalla Manor Care Center	4	3	Yes
Myrtle Point Care Center	2	2	No
Nehalem Valley Care Center	2	1	No
Oakwood Country Place	3	1	No
Ochoco Care Center	2	3	Yes
Oregon City Health Care Center	2	1	No
Pacific Health & Rehabilitation	4	4	Yes
Park Forest Care Center	2	2	Yes
Pilot Butte Rehab	3	3	Yes
Pioneer Nursing Home	2	0	No
Porthaven Care Center	3	4	Yes
Portland Health and Rehab	1	3	Yes
Presbyterian Community Care Center	4	2	Yes
Prestige Care & Rehab - Menlo Park	3	2	Yes
Prestige Care and Rehab of Reedwood	1	0	No
Providence Benedictine	5	3	No
Providence Child Center	6	3	No
Providence Seaside- Long term care unit	6	3	No
Redmond Health Care Center	1	0	Yes

Long-Term Care Facility	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Regency Albany	1	2	No
Regency Florence	4	3	Yes
Regency Gresham Nursing and Rehabilitation Center	4	5	Yes
Regency Hermiston	3	3	Yes
Robison Jewish Health Center	5	3	Yes
Rogue Valley Manor	4	4	Yes
Rose City Nursing Home	2	1	No
Rose Linn Care Center	4	2	Yes
Rose Villa Senior Living	5	3	Yes
RoseHaven Nursing Center	4	2	Yes
Royale Gardens Health and Rehabilitation Center	3	2	No
Saint Alphonsus Care Center	4	4	Yes
Sheridan Care Center	2	1	No
Sherwood Park Nursing & Rehab Center	2	4	Yes
South Hills Rehabilitation Center	3	2	Yes
The Dalles Health and Rehabilitation	3	2	No
The Pearl	5	4	Yes
The Village at Hillside	1	2	Yes
Tierra Rose Care Center	3	4	Yes
Timberview Care Center	4	2	Yes
Town Center Village Rehab	4	3	Yes
Trinity Mission Health & Rehab of Portland, LLC	3	2	Yes
Umpqua Valley Nursing and Rehabilitation Center	4	3	No
Valley West Health Care Center	2	5	Yes
Village Health Care	4	2	Yes
Village Manor	1	0	No

Long-Term Care Facility	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Vista Specialty Care	3	2	No
Wallowa Valley Care Center	2	2	No
West Hills Health and Rehab	3	4	Yes
Willamette View Health Center	4	2	No
Willowbrook Terrace	3	3	Yes
Windsor Health and Rehabilitation	1	2	Yes

Ambulatory Surgery Centers

Ambulatory Surgery Center	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Aesthetic Breast and Cosmetic Surgery Center	1	2	Yes
Aesthetic Surgery Center of Eugene	1	2	No
Ambulatory Surgery Center at Tanasbourne	2	3	Yes
Ashland Surgery Center	2	2	Yes
Beaver Sports Medicine ASC	4	2	Yes
Bend Surgery Center	5	4	Yes
Capitol Surgery Center	3	2	Yes
Cascade Endoscopy Center	2	2	No
Cascade Spine Center	1	1	Yes
Cascade Surgery Center LLC – 7 th Avenue, Grants Pass	1	0	No
Cascade Surgery Center, LLC – Manzanita Avenue, Grants Pass	1	2	Yes
Cascade Surgicenter, LLC	3	3	No
Cedar Hills Surgery Center	0	3	Yes
Center for Cosmetic & Plastic Surgery	2	1	No
Center for Specialty Surgery	3	2	No
Columbia Gorge Surgery Center	1	1	No
Cornell Surgery Center	1	1	No
Croisan Ridge Surgery Center	1	1	Yes
Doctors Park Surgery Center	2	1	No
East Oregon Surgery Center	0	0	No
East Portland Surgery Center	2	2	No
Eastern Oregon Regional Surgery Center	2	1	No
Eye Surgery Center - Albany	2	1	No
Eye Surgery Center - Medford	0	2	Yes
Eye Surgery Institute	1	1	Yes
EyeHealth Eastside Surgery Center	2	3	Yes

Ambulatory Surgery Center	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Grants Pass Surgery Center, LLC	1	1	No
Head & Neck Surgical Associates/Futures Outpatient Surgical Center	3	2	No
Kaiser Permanente South Interstate	1	5	Yes
Klamath Surgery Center	3	2	No
Lane Surgery Center	4	2	No
Laser & Surgical Eye Center, LLC	1	1	Yes
Lovejoy Surgicenter	2	3	No
McKenzie Surgery Center	1	2	Yes
Meridian Center for Surgical Excellence	4	4	No
Middle Fork Surgery Center	4	3	Yes
Mt. Scott Surgery Center	0	0	No
North Bend Medical Center	5	2	No
Northbank Surgical Center	3	4	No
Northwest Ambulatory Surgery Center	3	1	No
Northwest Center for Plastic Surgery, LLC	1	2	No
NW Gastro	2	1	No
Ontario Surgery Center	0	3	No
Oregon Ear, Nose, and Throat Surgery Center, LLC	1	1	No
Oregon Endoscopy Center, LLC	2	2	Yes
Oregon Eye Surgery Center, Inc.	2	2	No
Oregon Outpatient Surgery Center	4	3	Yes
Oregon Plastic Surgeons ASC	2	3	Yes
Oregon Surgicenter	1	2	Yes
Pacific Cataract and Laser Institute - Portland	2	1	Yes
Pacific Cataract and Laser Institute - Tualatin	2	0	Yes
Pacific Digestive Endoscopy Center	1	1	No
Pacific Surgery Center	1	1	No

Ambulatory Surgery Center	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Parrish Cosmetic and Plastic Surgery Center	2	1	No
Pearl SurgiCenter	1	3	No
Petroff Center	1	3	No
Redmond Surgery Center LLC	3	3	No
River Road Surgery Center	1	2	Yes
RiverBend Ambulatory Surgery Center	2	2	No
Rogue Valley Surgery Center, LLC	1	4	No
Salem Endoscopy Center	1	3	Yes
Salem Laser and Surgery Center	3	2	No
Samaritan Endoscopy Center	2	4	Yes
Skin Cancer Surgery Center	1	1	No
Skyline Medical Office Campus	6	2	Yes
Slocum Surgery Center	3	1	No
South Coast Surgery	1	1	No
South Portland Surgical Center, LLC	1	2	No
Spine Surgery Center of Eugene	2	1	No
Sunnybrook Medical Office	6	3	Yes
Surgery Center of Southern Oregon	5	2	No
The Corvallis Clinic Day Surgery Center	3	2	No
The Corvallis Clinic Surgery Center	4	2	No
The Gastroenterology Endoscopy Center, Inc.	3	3	No
The Oregon Clinic Endoscopy Center	4	3	No
The Oregon Clinic West Hills Gastroenterology	2	2	No
The Portland Clinic Surgery Centers	4	2	No
Two Rivers Surgical Center	2	1	No
Valley Plastic Surgery	1	1	No
Vision Surgery and Laser Center	2	3	Yes

Ambulatory Surgery Center	No. of Reported Vaccine Delivery Methods	No. of Reported Vaccine Promotion Methods	Formal Education Conducted?
Westside Surgery Center	1	1	No
Willamette Surgery Center	4	4	Yes
Willamette Valley Eye SurgiCenter	0	2	Yes
Wilshire Surgery Center	0	0	No
Yamhill Valley Endoscopy	1	1	No



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Healthcare Associated Infections Program

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