

>> Oregon Health Authority Interim Long-Term Care Facility (LTCF) COVID-19 Vaccination Report



ODHS | OHA SHARED SERVICE
COVID-19 Response and Recovery Unit (CRRU)



Acknowledgments

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This report would not have been possible without the efforts of Oregon's HAI prevention partners, including the health care facilities included in this report.

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Please cite this publication as follows:

Oregon Public Health Division. Oregon Health Authority Interim Long-Term Care Facility (LTCF) COVID-19 Vaccination Report. Oregon Health Authority. Portland, OR. 2021 June.

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Executive summary

Among Oregon long-term care facilities (LTCFs) that have reported weekly COVID-19 vaccination data to the Oregon Health Authority (OHA), 62% of staff and 84% of residents have been completely vaccinated as of May 9, 2021. OHA has set vaccination goals of maintaining a vaccination rate of 75% for LTCF staff and residents. While some facilities have met these goals, vaccination rates vary widely, with an interquartile range of 45%–75% for staff and 77%–95% for residents. Vaccination percentages for both staff and residents are lower in the southern and eastern regions of the state.

Introduction

COVID-19 vaccination is a critical tool for controlling the COVID-19 pandemic. LTCFs have been disproportionately affected by the COVID-19 pandemic due to the congregate environment and the high-risk residents that they serve. Nationally, rates among residents and staff have been as high as 23.2 cases and 21.3 cases per 1,000 resident-weeks respectively, during the Fall 2020 peak.¹ Safe and effective^{2,3} COVID-19 vaccines were introduced in December 2020. LTCF staff and residents were prioritized for COVID-19 vaccination.⁴ Historically, influenza vaccination uptake has been low among LTCF staff and has lagged behind uptake in other healthcare settings.^{5,6}

1 https://www.cdc.gov/mmwr/volumes/70/wr/mm7002e2.htm#F1_down

2 <https://www.cdc.gov/mmwr/volumes/70/wr/mm7013e3.htm>

3 <https://www.cdc.gov/mmwr/volumes/70/wr/mm7020e2.htm>

4 https://www.cdc.gov/mmwr/volumes/69/wr/mm6949e1.htm?s_cid=mm6949e1_w

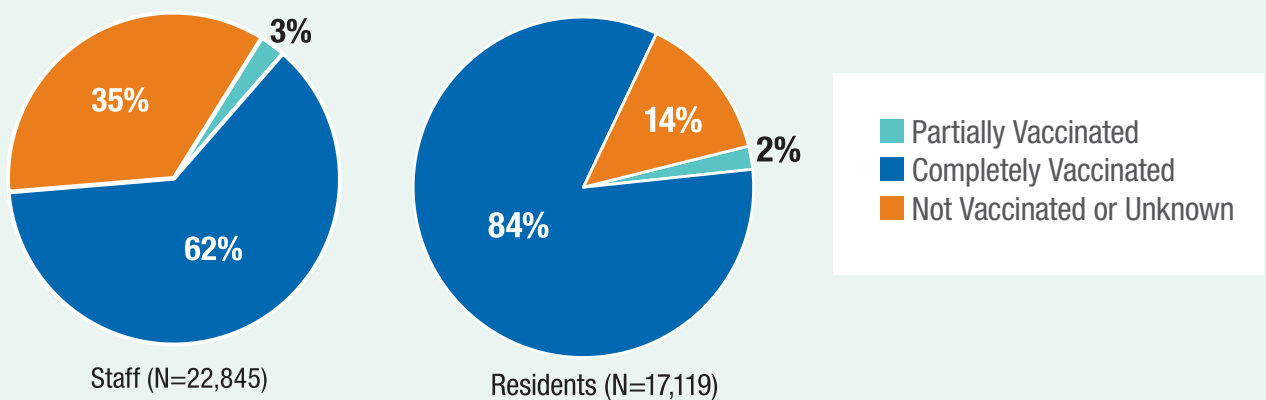
5 https://sharedsystems.dhsoha.state.or.us/DHSForms/Served/1e8628_20.pdf

6 [CDC Vaccination Toolkit for Long-Term Care Employers](#)

About the Data

This report summarizes data reported voluntarily to the Oregon Health Authority (OHA) by 407 LTCFs (62% of Oregon LTCFs) that submitted at least one week of data during 4/12/2021 – 5/9/2021. The term “long-term care facility” refers to Oregon nursing, assisted living, and residential care facilities. Data submitted to OHA include summary counts of all staff who were eligible to work in the facility and residents who were residing in the facility for that week; and of those staff and residents, the numbers that had received COVID-19 vaccination(s) to date. Completely vaccinated individuals are defined as those who received a complete series of available COVID-19 two-dose vaccine, or one-dose vaccine. Staff are defined as individuals who work in a LTCF on a regular basis (at least once a week), including individuals who may not be physically in the facility for a period of time due to illness, disability, or scheduled time off, but who are expected to return to work. This also includes individuals under contract or arrangement, including hospice and dialysis staff, physical therapists, occupational therapists, mental health professionals, or volunteers, who are in a LTCF on a regular basis.

Figure 1. Pie Chart of Overall Vaccination Percentages among LTCF Staff and Residents as of 5/9/2021*

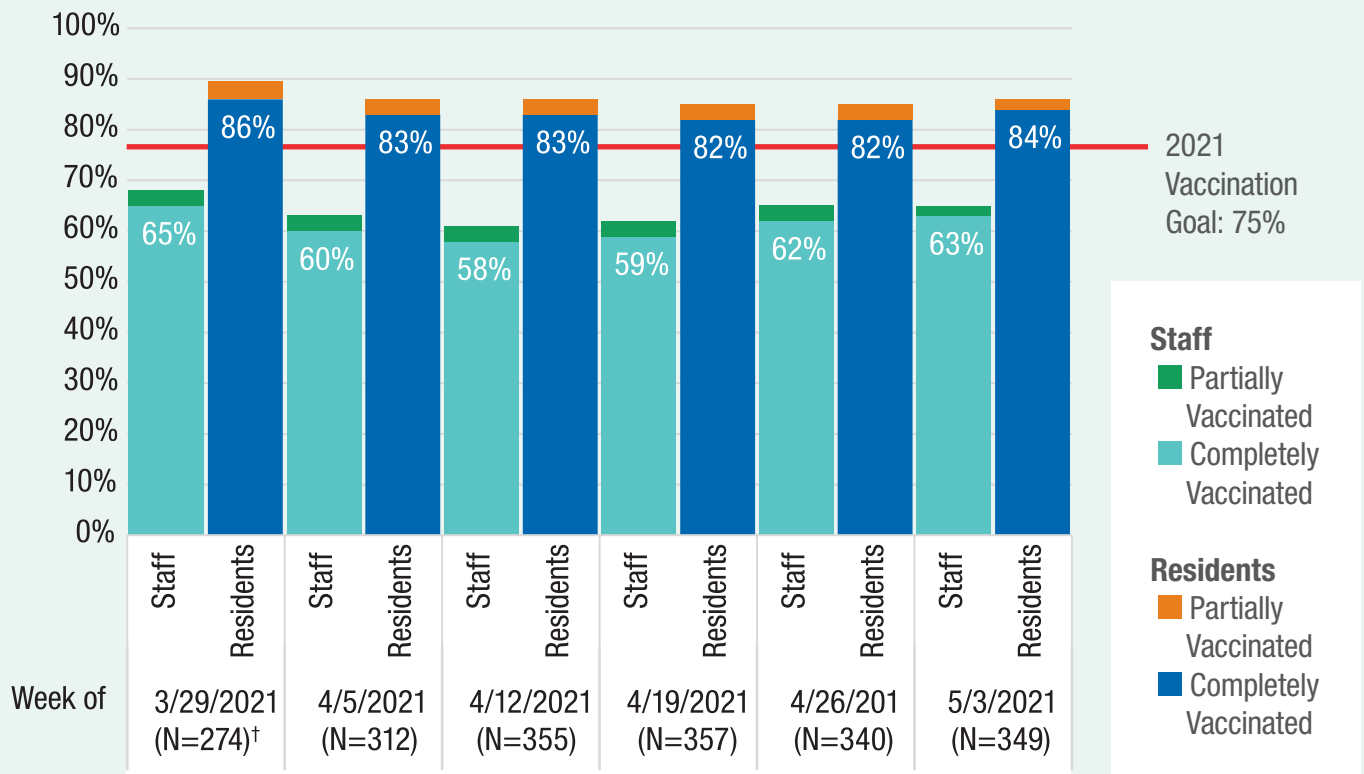


* If a facility reported multiple weeks of data between 4/12/2021 – 5/9/2021, the most recent week’s data were used.

Weekly Trends

Weekly percentages have remained relatively consistent since reporting began. Changes may reflect differences in the number of facilities reporting week to week.

Figure 2. Weekly Trends of LTCF Staff and Resident Vaccination Percentages



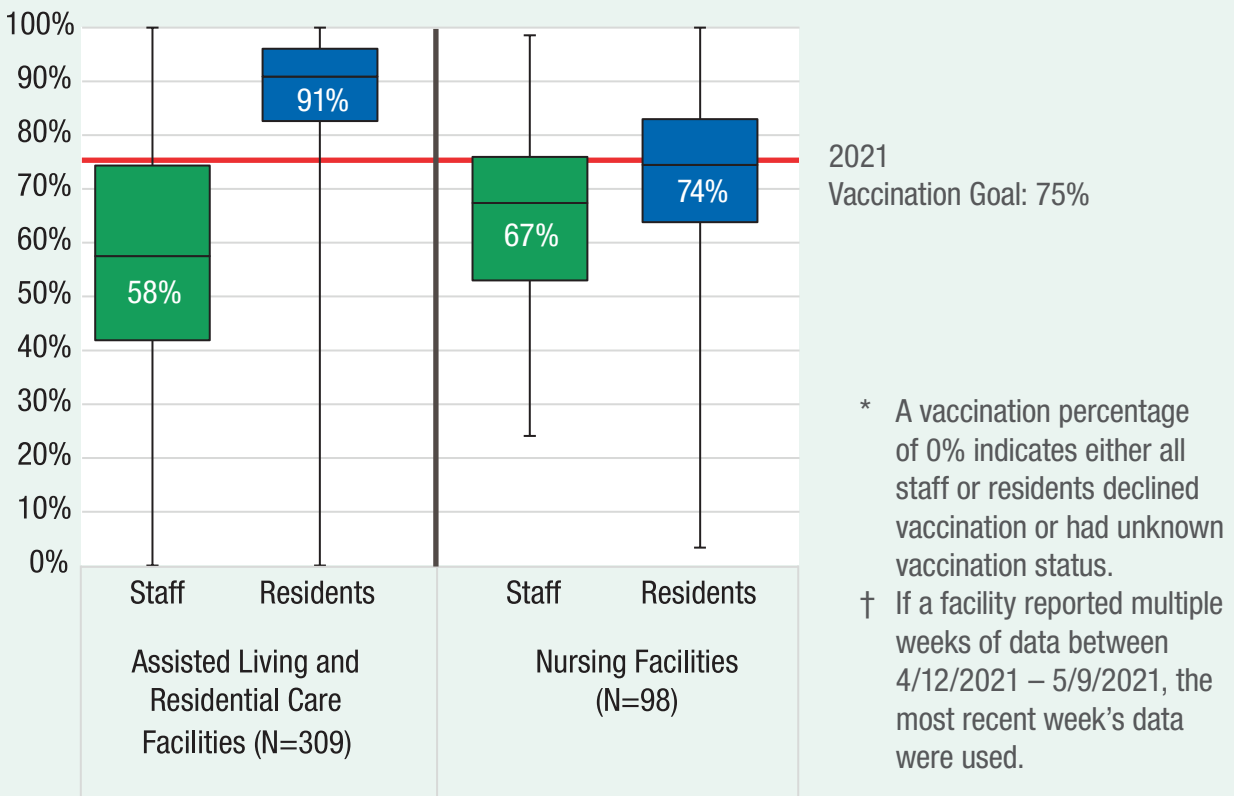
* OHA has set goals of maintaining a vaccination rate of 75% of LTCF staff and residents

† Represents the number of facilities reporting each week

Facility Characteristics

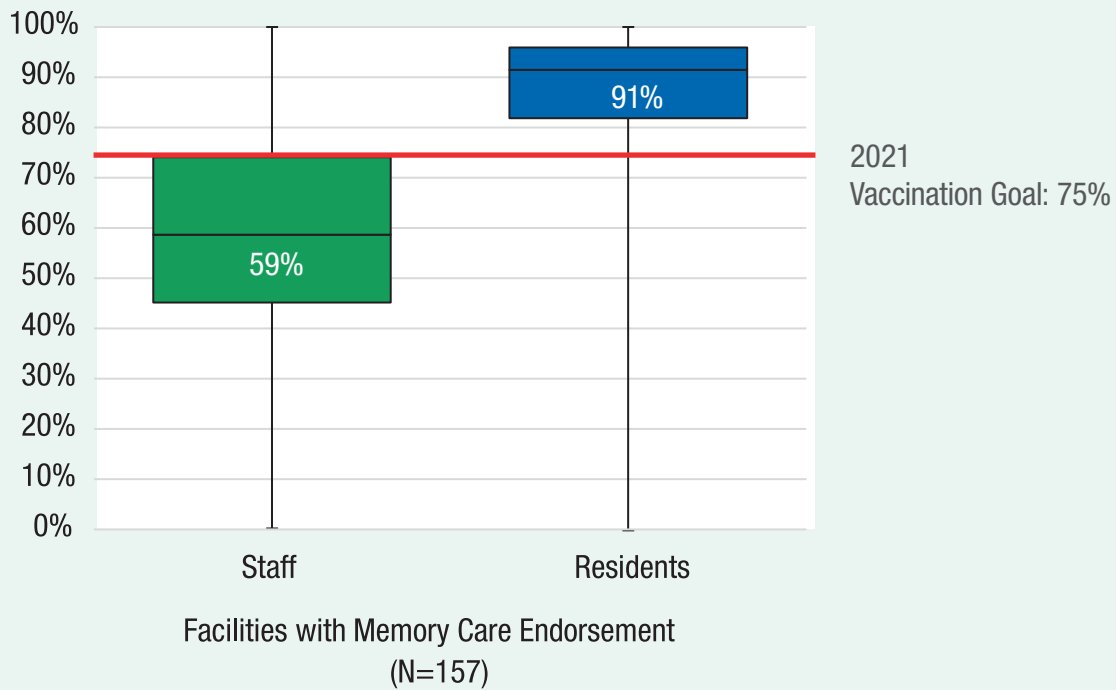
The following boxplots include completely vaccinated percentages for LTCF staff and residents stratified by different facility characteristics. These boxplots illustrate the distribution and variability of vaccination percentages in LTCFs with the median (center line and percentages displayed in the box), 25th and 75th percentiles (bottom and top borders of the box), and minimum and maximum percentages (end of the whiskers). For example, in Figure 3, the median staff vaccination percentage in assisted living and residential care facilities was 58%. Staff vaccinations ranged from 0% to 100%, with 25% of facilities having percentages of 42% or less, and 75% of facilities having percentages of 74% or less.

Figure 3. Boxplot of Completely Vaccinated Percentages* for Staff and Residents by Facility Type as of 5/9/2021†



Residents in assisted living and residential care facilities had a median percentage of completely vaccinated residents of 91%, which is higher than the median for residents in nursing facilities. The median percentages of partially vaccinated staff and residents in assisted living and residential care facilities were each 0%, while for nursing facilities they were 1% and 4% for staff and residents, respectively.

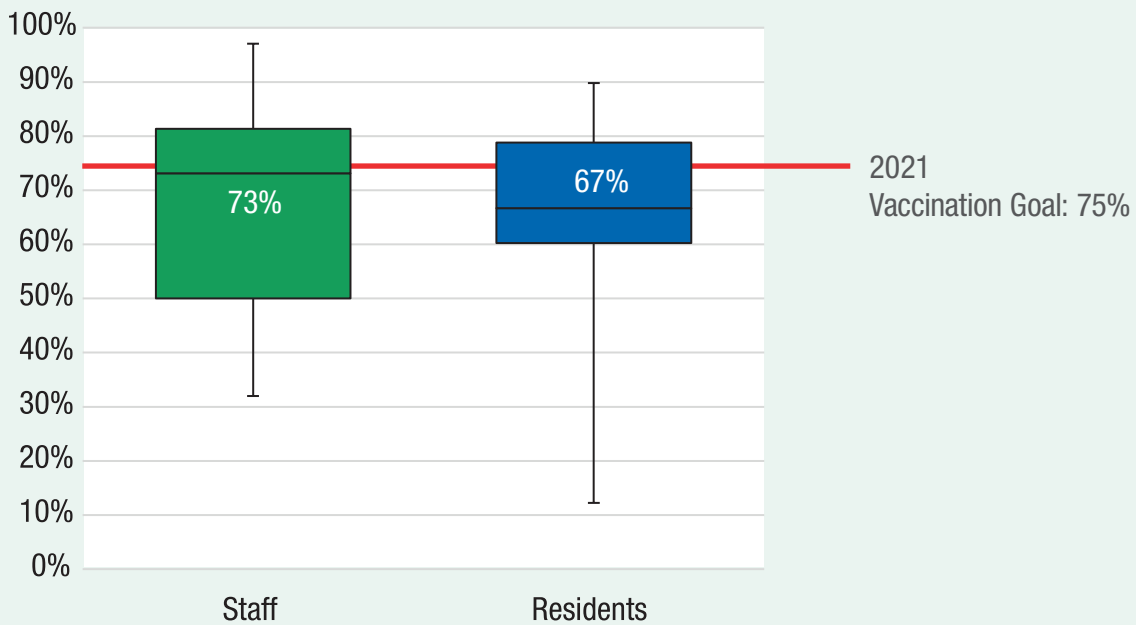
Figure 4. Boxplot of Completely Vaccinated Percentages* for Staff and Residents in Facilities with Memory Care Endorsement as of 5/9/2021†



- * A vaccination percentage of 0% indicates either all staff or residents declined vaccination or had unknown vaccination status.
- † If a facility reported multiple weeks of data between 4/12/2021 – 5/9/2021, the most recent week's data were used.

In facilities with a memory care endorsement, a median of 91% of residents were completely vaccinated, which was higher than the vaccination goal. The median percent of partially vaccinated individuals was 0% for staff and for residents.

Figure 5. Boxplot of Completely Vaccinated Percentages* for Staff and Residents in Facilities with Majority Short-Stay Residents† as of 5/9/2021‡



Facilities with Majority of Short – Stay Residents
(N=21)

- * A vaccination percentage of 0% indicates either all staff or residents declined vaccination or had unknown vaccination status.
- † Short-stay residents are residents who stay in the facility for 100 days or less
- ‡ If a facility reported multiple weeks of data between 4/12/2021 – 5/9/2021, the most recent week’s data were used.

Facilities with majority short-stay residents are anticipated to have a higher turnover of residents than do other LTCFs. While a median of 67% of residents were completely vaccinated in these facilities, a median of 5% of these residents were partially vaccinated. A median of 1% of staff in these facilities were partially vaccinated.

Regional Maps

Figure 6. Completely Vaccinated Median Percentages of Staff (left) and Residents (right) in Long-Term Care Facilities by Healthcare Preparedness Program (HPP) Regions as of 5/9/2021

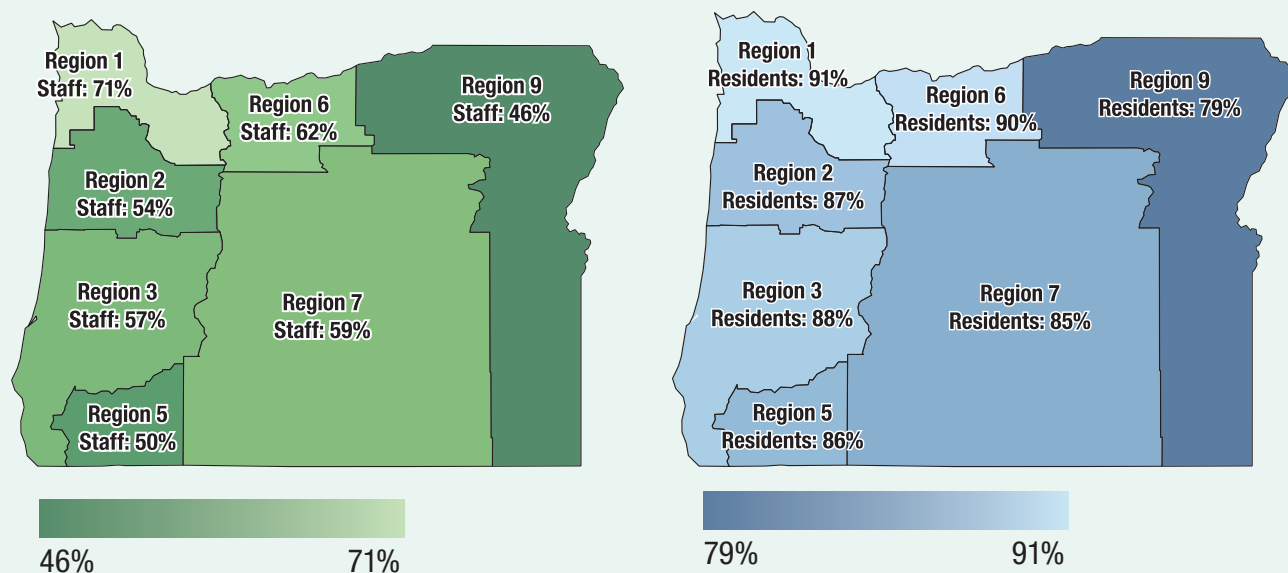


Table 1. Numbers and Percentages of Long-Term Care Facilities Reporting, by HPP Region, as of 5/9/2021

HPP Region	Reporting Facilities (%)
Region 1	168 (62%)
Region 2	90 (70%)
Region 3	54 (59%)
Region 5	37 (60%)
Region 6	9 (64%)
Region 7	29 (56%)
Region 9	20 (56%)

These maps show region-specific median percentages of completely vaccinated LTCF staff and residents. The table provides the numbers of facilities reporting by region and the percentages of all facilities within the region that they represent; these range from 56%–70%. For both staff and residents, region 9 had the lowest vaccination percentages. Note that the data presented, especially for regions with small numbers of facilities reporting, may not reflect the true regional vaccination percentages.

Appendix

Timeline of Vaccination Efforts in Long-Term Care Settings

October 21, 2020: Center for Disease Control and Prevention (CDC) announced the Federal Pharmacy Partnership (FPP) for LTC Program. This program was intended to provide vaccine clinic opportunities while reducing the burden on LTCF administrators, clinical leadership, and Local Public Health Authorities (LPHA). At no cost to facilities, the program provided end-to-end management of the COVID-19 vaccination process, including cold chain management, on-site vaccinations, and fulfillment of reporting requirements. The state encouraged all potentially eligible facilities to enroll.

December 12, 2020: OHA defines Phase 1A priority populations including LTCF residents and staff.

December 21, 2020: [Vaccination begins for nursing facilities](#) through the FPP. Walgreens, CVS and Consonus begin on-site vaccination of the Pfizer vaccine to residents and staff of 130 nursing facilities.

January 1-30, 2021: COVID-19 Response and Recovery Unit (CRRU) partners with VPU, LPHAs and ODHS to develop a vaccination plans for LTCFs not enrolled in the FPP.

January 18, 2021: Vaccination clinics begin for assisted living and residential care facilities.

February 2, 2021: Planning for ongoing vaccination maintenance options for LTCFs to continue to access vaccine opportunities for residents and staff begins.

February 15, 2021: All FPP nursing facility clinics completed at participating LTCFs.

March 9, 2021: OHA and ODHS issue [Long-Term Care Covid-19 Vaccine Implementation and Congregate Care Progress Report with statistics on completion.](#)

March 16, 2021: OHA releases LTCF Staff and Resident Vaccination Tracking Tools to standardize facility tracking of staff and resident vaccination status, to provide consistent summary statistics for facility internal use, and to facilitate reporting to federal and state agencies.

March 24, 2021: OHA records training webinar to support LTCF efforts to track vaccination status of staff and residents.

April 1, 2021: All FPP clinics completed at participating LTCFs and FPP concludes.

April 2, 2021: OHA and ODHS ask licensed LTCFs to develop COVID-19 vaccine maintenance plans for ongoing vaccination for newly admitted residents within 72 hours of admission as policy. OHA and ODHS issue Resource Guide to support facilities: [Long-Term Care Facility COVID-19 Vaccine Maintenance Planning Website Resource Guide](#).

April 4, 2021: OHA initiates new tracking system to monitor LTCF progress towards vaccination metrics post-FPP program clinics. Facilities begin voluntarily reporting of weekly COVID-19 data.

May 11, 2021: CMS [issues interim](#) final rule with vaccination requirements for resident and staff.

June 1, 2021: [OAR-411-061](#) goes into effect, requiring all state regulated LTCFs to report weekly vaccination data to Oregon Health Authority. Aligns federal and state reporting requirements.

June 13, 2021: [Federal requirement](#) deadline for all federally regulated nursing facilities to have vaccine plans and report vaccination data to federal system.



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Note: Summary vaccination data is self-reported by long-term care facilities and may be subject to change. Facilities are encouraged to review their data and work with OHA to correct any reporting errors; facilities with OHA-identified data quality issues that were unresolved at time of publication (N=17) are excluded from this report.

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