



Oregon Statewide COVID-19 Vaccination Flags & Population Based Reports

Updated with Pediatric Vaccine Doses—December 2021

Update: Pediatric Vaccine Flags

Collective Medical is now processing weekly files from OHA ALERT IIS of COVID-19 vaccines administered to pediatric patients. Sample image is below. This update enhances existing processes and data sharing for adult vaccines communicated previously. For questions and requests for Vaccine Population Reports, please email: support@collectivemedical.com

A screenshot of a patient record interface. At the top left, the patient's name "Patient, Sample" is displayed in blue. Below the name, the patient's demographic information is listed: "DOB: 01/01/1990 Age: 31 Female ID: 856000". To the right of the name, the patient's contact information is shown: "Phone (503) 867-5309" and "Address 900 Main St. Apt. #2 Portland, OR 97203". Below the demographic information, there is a "Tags" section with a plus icon and the text "No Tags". A blue tag with the text "COVID-19 Vaccine Pediatric Pfizer Dose 1" is highlighted. A tooltip box is open over this tag, containing the following information: "COVID-19 Vaccine Pediatric Pfizer Dose 1", "Description: Collective Medical has received information that this patient has been administered a COVID-19 vaccine. Please check your state immunization registry to learn more.", "Attributed on: 12/09/2021", and "Attributed by: Collective Medical". Below the tags, there is a "Care Team" section with a funnel icon and the text "Care Team 0 showing all - 2 years".

Background

The Collective Platform is a HIPAA compliant hospital event notification system connecting 63 community hospitals in Oregon, over half Oregon's post-acute care facilities, all 15 CCOs, the major commercial health plans, and hundreds of primary care and behavioral health care clinics.

The Platform has emerged in Oregon as a comprehensive, real time data sharing system to efficiently and securely share information about individuals with serious health concerns, such as COVID-19. At this time, partial COVID-19 status data is shared into Collective Platform from Providence Health System and Reliance



HIE, and through the Oregon Health Authority (OHA) to hospitals via EDIE notifications. Broader statewide COVID-19 status data sharing is under consideration with the Oregon legislature (House Bill 3057).

COVID-19 response efforts are now focused on vaccine administration. In Oregon, statewide immunization data is managed by OHA's Public Health Division via the ALERT Immunization Information System (ALERT IIS). **Health care providers and clinics should continue to use ALERT to manage vaccine administration and as the main source of truth for vaccine information.**

Given the complexity of the pandemic and likely multiple locations for vaccine administration, **OHA, HIT Commons and Collective Medical have worked together to bring statewide vaccination status information into the Collective Platform to improve Oregon's statewide immunization efforts. This will allow care coordination entities (e.g., commercial health plans, CCOs) that do not currently interface directly with ALERT to access COVID-19 vaccination data for their members.**

COVID-19 Vaccine Flags & Population Reports

Through an agreement between OHA and Collective Medical, ALERT IIS will send a weekly file of all COVID-19 vaccinations administered to Oregon residents and reported to ALERT IIS the previous week. The file will also include potential residents—individuals that received a vaccine in Oregon, but the address of residence was not reported to ALERT. Collective Medical will then attach an identifier, called a “Flag”, to the patient records in its database. Using data provided through ALERT IIS, **Collective shall provide one or more Flag(s) indicating an individual has received one or more doses of COVID-19 vaccine, including dose number, manufacturer, and the date the vaccine information was received by Collective.** The Flag is not replacing the primary data source of ALERT but serves as an indicator that data has been received by Collective that a vaccine has been recently administered. The goal is to improve patient contact rates by signaling the patient may be due relatively soon for a 2nd or 3rd dose vaccine administration follow up, to assist with outreach to unvaccinated populations, or to indicate that the patient has received all recommended vaccine doses.

The vaccination administration date will not be captured in the flags or population reports. Instead, the “Attributed Date” field will capture the date that the vaccine data was received from ALERT by Collective. Collective users can utilize this date to approximate when a particular dose was administered. Implementing functionality to capture the administration date is currently under discussion with HIT Commons, Collective, and OHA for possible implementation later in 2021.

In addition to the Flag(s), Collective will create and update a weekly **COVID-19 Vaccine Population Report** to support our network partners in vaccination follow up/patient care coordination. Reports will be made available initially for all Oregon CCOs and health plans and will be available on a statewide basis for all network users upon request (see below). These reports will provide full-member/patient population vaccination status to health care entities based on their regular eligibility files submitted to Collective. **In this way, organizations can see which populations have had 1st dose, 2nd dose, 3rd dose, or no doses to assist with vaccination outreach efforts.**



Timeline and How It Will Work

Beginning in late April 2021, and updated in late September with 3rd doses, and December with pediatric doses, ALERT IIS and Collective will initiate a weekly file transfer of all reported Oregon vaccinations to develop the vaccine flag(s) and reports. Weekly files from ALERT IIS will be sent to Collective Medical on Monday afternoons and the Vaccine Flags and Vaccine Population Reports will be updated in the Collective Platform by Tuesday/Wednesday afternoons.

COVID-19 vaccine information will present in the Collective platform in **three ways**:

- Indication of COVID-19 vaccination status in existing hospital EDIE notifications (visible under “Flags” in the EDIE notification)
- “Flags” on the patient record (for each applicable vaccine manufacturer and dose)
- Vaccine Population Reports for CCOs and Health Plans and others upon request (reports will provide vaccine “flags” by patient/member even without the presence of a recent facility encounter/visit)

EDIE Notification Image

COLLECTIVE NOTIFICATION 04/21/2021 15:25 Patient, Sample MRN: 88440011

Flags

- COVID-19 Vaccine Pfizer Dose 1 - Collective Medical has received information that this patient has been administered a COVID-19 vaccine. Please check your state immunization registry to learn more. | Attributed By: Collective Medical | Attributed On: 02/25/2020

PLEASE NOTE:

1. Any care recommendations and other clinical information are provided as guidelines or for historical purposes only, and providers should exercise their own clinical judgment when providing care.
2. You may only use this information for purposes of treatment, payment or health care operations activities, and subject to the limitations of applicable Collective Policies.
3. You should consult directly with the organization that provided a care guideline or other clinical history with any questions about additional information or accuracy or completeness of information provided.

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Vaccine Flag Images & Descriptions

On the Patient Page within the Collective Platform, patients with a COVID-19 vaccine will have a blue colored box or “flag(s)” visible on their patient record.



The hover over description on the Flags will include the following information:

- **Display Name:** Example COVID-19 Vaccine Pfizer Dose 1
- **Hover Over Description Text:** Collective Medical has received information that this patient has been administered a COVID-19 vaccine. Please check your state immunization registry to learn more.
- **Attributed On:** MM/DD/YYYY (note: this is the date of the most recent file Collective Medical received from OHA ALERT IIS - this is not the date of vaccine administration, that is available in the patient's ALERT record)
- **Attributed By:** Collective Medical

The first screenshot shows a patient record for 'Patient, Sample' (DOB: 07/15/1940, Age: 80, Male, ID: 88440011). It features two tags: 'COVID-19 Vaccine Pfizer Dose 1' and 'COVID-19 Vaccine Pfizer Dose 2'. A hover tooltip for the second tag displays the following information:

- COVID-19 Vaccine Pfizer Dose 2**
- Description:** Collective Medical has received information that this patient has been administered a COVID-19 vaccine. Please check your state immunization registry to learn more.

The second screenshot shows a patient record for 'Demo, Patient' (DOB: 06/06/1960, Age: 61, Male, ID: 142111). It features a tag: 'COVID-19 Vaccine Moderna Dose 3'. A hover tooltip for this tag displays the following information:

- COVID-19 Vaccine Moderna Dose 3**
- Description:** Collective Medical has received information that this patient has been administered a COVID-19 vaccine. Please check your state immunization registry to learn more.
- Attributed on:** 09/21/2021
- Attributed by:** Collective Medical

The COVID-19 Vaccine Flags on patient records will turn on automatically in all Oregon Collective Platform portals.

COVID-19 Vaccine Population Reports

Vaccine Population Reports for Health Plans and CCOs and for others upon request will post in the Collective Platform/Scheduled Reports page and include full-member vaccination status (i.e., flags for vaccines administered, no flags to indicate unvaccinated individuals). These reports will post by patient/member even without the presence of a recent facility encounter/visit.

Due to large patient/member populations, these reports will run on a staggered schedule and update on Tuesdays and Wednesdays each week. See report image below and Health Plan/CCO weekly report schedule on last page.

The screenshot shows the Collective Medical interface. On the left, there is a navigation menu with 'Cohorts' and 'Census' options. The main area displays 'Scheduled Reports' for the period 04/16/21-04/23/21. A table lists the following report:

Description	Status	Date
COVID-19 Vaccine Weekly Population Report	✓	04/23/2021 2:29PM



Questions & Requests

What is the cost to users?

This work is funded by HIT Commons with the approval of its Governance Board. There are no costs to Collective Network users for the Flags and Vaccine Population Reports as built per the HIT Commons contract.

Which users will receive the data?

Beginning April 23, 2021, Collective Medical will turn on and update **Vaccine Flags** automatically throughout the entire Collective Network for all users.

Beginning April 27, 2021, COVID-19 Vaccine Population Reports will be prioritized and turned on automatically for CCOs and Health Plans to assist with vaccine outreach and care coordination.

Beginning, May 3, 2021, other users of Collective Platform (e.g., primary care and behavioral health clinics) may request COVID-19 Vaccine Population Reports by emailing the Collective Support Team at support@collectivemedical.com

What if I'd prefer the vaccine data to be added into my existing reports?

For Collective Platform users who would like to include the Vaccine Flags into existing Scheduled or other Population Reports, email requested report changes to the Collective Support Team at support@collectivemedical.com

Contacts

If you have general questions about the Collective Platform use in Oregon, please email: Liz@orhealthleadershipcouncil.org

If you have technical or contract questions related to your instance of the Collective Platform, please email: support@collectivemedical.com

If you have questions related to access or use of the ALERT IIS system, please email: alertiis@dhsoha.state.or.us

If you have further questions about COVID-19, please visit the Oregon Health Authority website to access an FAQ and see the latest situational updates: <https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/DISEASESAZ/Pages/emerging-respiratory-infections.aspx>



Weekly Vaccine Report Schedule*

Due to large patient/member populations, reports will run on a staggered schedule and update on Tuesdays and Wednesdays each week. **Collective Medical may work directly with health plans/CCOs, if needed, to adjust report schedule due to file size and data processing timelines.*

Health Plan/CCO	Lines of Business
First Report Date: 4/27/21. TUESDAYS by Noon WEEKLY UPDATED REPORTS	
Atrio Health Plans	MedAdv
CareOregon	CCO/MedAdv
CIGNA	Commercial/MedAdv
Samaritan Health Plans/IHN CCO	CCO/Commercial/MedAdv
First Report Date: 4/27/21. TUESDAYS by 5pm WEEKLY UPDATED REPORTS	
Cambia/Regence	Commercial/MedAdv
KP Foundation Health Plans NW	CCO/Commercial/MedAdv
Moda Health/EOCCO	CCO/Commercial/MedAdv
PacificSource	CCO/Commercial/MedAdv
Providence Health Plan	CCO/Commercial/MedAdv
First Report Date: 4/28/21. WEDNESDAY by Noon WEEKLY UPDATED REPORTS	
AllCare Health	CCO/MedAdv
HealthNet Oregon/Trillium CCO	CCO/Commercial/MedAdv
Umpqua Health Alliance	CCO/MedAdv
OHSU Health	For contracted Medicaid lives
Yamhill CCO	CCO
First Report Date: 4/28/21. WEDNESDAY by 5pm WEEKLY UPDATED REPORTS	
Advanced Health CCO	CCO
Cascade Health Alliance	CCO
Health Share	CCO
Kepro FFS Medicaid Case Mgmt	QIO