COVID-19 Vaccine Provider Call

August 2021
Agenda

- US/State Data
- Vaccine Update
- Vaccine Ordering and Distribution
- HL7
- COVID-19 Update. Presented by Ronald Dirlam, D.P.M., Medical Science Liaison, Moderna
## COVID-19 Vaccinations in Oklahoma – Federal and State (8/2/2021)

<table>
<thead>
<tr>
<th></th>
<th>Total Doses Delivered</th>
<th>Count</th>
<th>Adult Rate per 100K</th>
<th>Total Doses Administered</th>
<th>Count</th>
<th>Adult Rate per 100K</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Population</strong></td>
<td></td>
<td></td>
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<tr>
<td>People have received at least 1 dose of the vaccine</td>
<td>1,915,120</td>
<td>4,193,220</td>
<td>139,554</td>
<td>People have received at least 1 dose of the vaccine</td>
<td>1,914,939</td>
<td>3,484,925</td>
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<tr>
<td>Percentage</td>
<td>48.4%</td>
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<tr>
<td><strong>Population 12+</strong></td>
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<tr>
<td>People have received at least 1 dose of the vaccine</td>
<td>1,914,939</td>
<td>3,484,925</td>
<td>110,807</td>
<td>People have received at least 1 dose of the vaccine</td>
<td>1,822,646</td>
<td>3,484,925</td>
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<tr>
<td>Percentage</td>
<td>57.6%</td>
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<td><strong>Population 18+</strong></td>
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<tr>
<td>People have received at least 1 dose of the vaccine</td>
<td>1,822,646</td>
<td>3,484,925</td>
<td>110,807</td>
<td>People have received at least 1 dose of the vaccine</td>
<td>1,538,976</td>
<td>3,484,925</td>
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<tr>
<td>Percentage</td>
<td>60.7%</td>
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<tr>
<td><strong>Population 65+</strong></td>
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<tr>
<td>People have received at least 1 dose of the vaccine</td>
<td>545,607</td>
<td>3,484,925</td>
<td>110,807</td>
<td>People have received at least 1 dose of the vaccine</td>
<td>482,821</td>
<td>3,484,925</td>
</tr>
<tr>
<td>Percentage</td>
<td>85.9%</td>
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</table>

- **Data Source:** CDC COVID Data Tracker – COVID-19 Vaccinations in the United States. Posted: 8/3/21

- **Oklahoma State Department of Health | COVID-19 Vaccine Provider Call**
Vaccine Update
Janssen Expiration Date Extended

The U.S. Food & Drug Administration (FDA) has authorized an extension of the shelf life for the Johnson & Johnson (Janssen) single-shot COVID-19 vaccine from 4.5 months to 6 months.

- Janssen COVID-19 vaccine is stable for 6 months when refrigerated at temperatures of 36 – 46 degrees Fahrenheit (2 – 8 degrees Celsius).

- If you have J&J vaccines, providers should visit [www.vaxcheck.jnj](http://www.vaxcheck.jnj) to confirm the latest expiration dates of our vaccine.

- Check expiration dates online before administering vaccines. If you see a wrong expiration date in OSIIS, please follow this [Tip Sheet](#) to adjust inventory in OSIIS inventory and in your systems if applicable.
Important for all vaccines:
• Check the expiration dates upon receiving vaccines.
• Due to increased studies about stability data, check the expiration date again later (before administering vaccines and during weekly reconciliation).

How to check expiration dates?
• Scan QR code and it will take you to the website showing the expiration date
• Locate lot number on the package and type in the website
  • Janssen website
  • Moderna website
• Pfizer: printed on the box
Wastage

- Do not return unused, open, spoiled, or expired COVID-19 vaccines to manufacturers, distributors, Oklahoma State Department of Health, or local County Health Departments.

- Store wasted vaccines separately from viable vaccines and label them accordingly. The label should say: “Wasted. DO NOT USE.”

- Open vials must be disposed of in the sharps container at the end of each day. Do not put open vials back into the fridge: adjust in OSIIS and discard at the end of the day.

- COVID-19 vaccine program requirements include reporting wastage (unused, open, spoiled, or expired) into OSIIS. Please follow this tip sheet to report COVID-19 vaccine wastage.

- After the wastage is recorded in OSIIS, the provider must dispose in accordance with Oklahoma regulations and processes to dispose of regulated medical waste.
Vaccine Ordering and Distribution
Reconciliation

Reconciliation – weekly

• Providers are required to reconcile and order covid vaccines only once during the ordering time frame: Thursday, Friday, or Monday.

• If a clinic doesn't reconcile COVID inventory for 14 days, it will not be able to create VFC & 317 vaccine orders.

• An informational video on COVID 19 vaccine reconciliation and ordering can be accessed at https://vimeo.com/528424790

• Inventory Reconciliation
Ordering Process: starting Aug 17
Minor change in delivery of orders with min quantities

• Providers **must reconcile their COVID-19 vaccines inventory weekly in OSIIS** – by Monday, noon.

• Providers must create orders in OSIIS on Thursday-Friday-Monday.

• Providers can order as much as they need. If they need **less than min order quantity, they still must order min quantity in OSIIS and add a comment with the actual amount needed.**
  • If a provider needs one vial, OSDH will deliver one vial!

• The cut-off to create orders in OSIIS – Monday, 5pm.
Ordering Process

- The cut off for providers to request any changes/cancellation to orders is Tuesday, 1pm.
  - To request a change, a provider should email to OSDH VaccineHelp <VaccineHelp@health.ok.gov>
  - If provider doesn’t receive a confirmation of changes/cancellation within 24h, provider must call the OSDH Immunization Service 405.426.8580 to ensure that the order has been cancelled.
- **Orders with at least min quantity, will be approved in OSIIS and directly shipped to providers – CHANGE**
- Orders with less than min quantity will be rejected in OSIIS with a note that County Health Department (CHD) will fulfill the order and will get in touch with provider via email or phone.
  - Example of the message: "Your order will be fulfilled by your County Health Department. Watch for e-mail communication about the process and phone calls to arrange vaccine transfer."
  - CHDs will deliver vaccines to providers on the same or the following week. Delivered by CHD employees, national guard, or courier service.
Ordering Process

• Upon delivery of the vaccine by CHD, provider should:
  1. Sign a Bill of Lading and keep a copy
  2. Check that delivered vaccines are viable
  3. Immediately place them into a storage according to the guidelines and label appropriately indicating expiration or/and Beyond-use dates (BUDs)
  4. Accept transfer in OSIIS

• Questions about orders:
  • OSIIS: OSIISHELP@health.ok.gov;
  • Vaccine ordering process: VaccineHelp@health.ok.gov;
  • Order fulfillment/delivery: contact CHDs (contacts will be shared in the follow-up email)
"How To" Guides

- How to Turn On User Default Order Notifications
- Inventory Reconciliation
- How to Place a Covid-19 Vaccine Order
- Immunizing a Patient for COVID
- How to add an extra dose
- Wastage
Vaccine Finder Update

- Vaccines.gov
  - If a site does not update their inventory within 72 hours, vaccine availability on Vaccines.gov will change from “In Stock” or “Out of Stock” to “Call to confirm.”
  - In addition, the last update information on Vaccines.gov (see pink circle below) indicates that last time that public display information was updated, not inventory.

![COVID-19 Vaccines at This Location](image)
What is HL7?
What is HL7?

• Health Level Seven, known as HL7, is a set of international data standards for communicating medical data between software applications.
• Using HL7 gives providers the ability to transfer and share data between providers with different software systems (E.H.R.’s).
• The ability to transmit/exchange HL7 data from an Electronic Health Record (EHR) system that another healthcare provider uses is a huge time saver and is useful for providing better care to one’s patients.
Benefits of HL7 Submission

• Provides information exchange between computer applications developed by different vendors (“common language”).
• HL7 provides accurate, up-to-date, and complete information about patients at the point of care (ex: Immunization History).
• Helps providers more effectively diagnose patients, reduce medical errors, and provide safer care (ex: Medical History).
• Enhances privacy and security of patient data (no paper copies).
• Reduces costs by decreasing the number of hours staff spend doing data entry (administrations sent directly from E.H.R., no manual entry in OSIIS).
HL7 Message Example

```
MSH|\^\&|IMMSLINK|OK0051|OK0000|OK0000|20210804135109-0700|[|VXU^V04|VXU_V04|20210804205109797200|P|2.5.1|0|NE|AL|

PID|1|[28480|OK0051^MR||case=test|L||19551204000000|F||2106-3^White^CDCREC|PO
Box 565^Haileyville^OK^74546^USA^L|PRN^PH|^S18^4241016|||2186-5^not Hispanic or Latino^CDCREC|N|

PD1|1|Roy's Discount Pharmacy|OK0051^MR|OK0051|1|1|1|1|1|1|1|N|20210804|1|20210804|

ORC|RE|1324062|01|OK0051|1324062
01|OK0051|11111|1578116208|Taylor^Tawnee|CMS^NPI|

RXA|0|1|20210804000000|20210804000000|207^COVID-19, mRNA, LNP-S, PF, 100 mcg/0.5 mL
dose^CVX|0.500000|ML^ML^UCUM|00^New immunization
record^NIP001|Taylor^Tawnee|OK0051|621 Highway 2
N^Wilburton^OK|74578|USA|L|939893|20211219|MOD^Moderna US,
Inc.|MVX|CP|A|20210804000000|

RXR|IM^Intramuscular^HL70162|LA^Left Arm^HL70163|

OBX|1|CE|64994-7|vaccine fund pgn elig cat^LN|1|V01^Not VFC
Eligible^HL70064|1|1|1|20210804000000||VX40^per immunization^CDCPHINVS|

OBX|2|NM|30973-2|Dose number in series^LN|2|2|NA^HL70353|||1|20210804000000|

OBX|3|CE|30963-3|Vaccine funding source^LN|3|VX50^Public
Funds^CDCPHINVS|||1|20210804000000||VX40^per immunization^CDCPHINVS|
```
OSIIS HL7 Onboarding Requirements

- Must be an OSIIS Authorized Provider (signed Authorized Site Agreement).
- Compatible software (ability to send HL7 messages utilizing SOAP method).
- Basic understanding of HL7 messaging (at least vendor, NIST Report).
- Demonstrate ability to send messages in accordance with CDC HL7 2.5.1 data standard (NIST and QA Testing).
- Must complete HL7 onboarding packet which includes HL7 survey, a kick-off call, NIST report, 2.5.1 implementation guide, and which facilities submitting for.
Requesting an HL7 Connection

- Please contact the OSIIS help desk (OSIISHELP@health.ok.gov) to request HL7 onboarding.
- Include the provider name in the email as well as points of contact for your provider and vendor (if known).
- Once received, the HL7 onboarding packet will be sent to the requesting provider.
- Once the onboarding packet is complete, a kick-off call will be set which will include the provider, OSDH staff, and your vendor.
HL7 Resources and Contacts

- OSIIS help desk (OSIISHELP@health.ok.gov).
- Contacts:
  - Michelle Diaz, OSIIS Outreach Coordinator (Michelle.Diaz@health.ok.gov)
  - Courtney Woodard, HL7 Coordinator (CourtneyW@health.ok.gov)
  - Martin Lansdale, OSIIS Data Quality Coordinator (martinl@health.ok.gov)
- HL7 Information:
  - https://www.hl7.org/about/index.cfm?ref=footer
  - https://www.cdc.gov/vaccines/programs/iis/technical-guidance/hl7.html
COVID-19 Update

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Medical Science Liaison, Moderna
Questions/Suggestions