

From: Arizona Department of Health Services <azhealth@public.govdelivery.com>
Sent: Tuesday, November 9, 2021 11:54 AM
To: Jennifer Tinney
Subject: Moderna Booster Reporting of Administered and Wasted Doses

Immunization Program



azhealth.gov

Health and Wellness for all Arizonans

Moderna Booster Reporting of Administered and Wasted Doses

Reminders:

- [Moderna booster doses](#) are 0.25mL (half the dose size of a primary series dose)
- Moderna vials can only be punctured a maximum of 20 times
- Providers are responsible to [keep track of the number of punctures for each vial](#)
- Punctured Moderna vials can be used to administer both primary and booster doses
- Punctured Moderna vials must be used within 12 hours

Reporting Administered Doses

Electronic Reporters - Booster doses must be sent to ASIIS as half doses with a volume size of 0.25 in RXA-6 (numbers only, no units please). If reporting units, "mL" shall be entered in RXA-7. For additional assistance with HL7 reporting of COVID-19 doses please refer [here](#).

[Manual Reporters](#) - Dose size can be indicated directly in the patient's record and must be entered as a half dose:

Links: https://www.azdhs.gov/documents/preparedness/epidemiology-disease-control/immunization/job-aids/how-to-search-add-edit-a-patient-record-in-asiis.pdf?utm_medium=email&utm_source=govdelivery

https://www.azdhs.gov/covid19/documents/vaccines/arizona-hl7-specific-rules-with-covid-19-reporting.pdf?utm_medium=email&utm_source=govdelivery

https://azdhs.gov/covid19/documents/vaccines/vaccine-boosters.pdf?utm_medium=email&utm_source=govdelivery

https://azdhs.gov/covid19/documents/vaccines/moderna-puncture-log.pdf?utm_medium=email&utm_source=govdelivery

Patient			
Name:	TEST T ADVANCED	SIIS Patient ID:	11530275
Date of Birth:	01/27/2016	Age:	300 weeks, 69 months, 5 yrs
Guardian:		Organization Level Status:	Inactive

Vaccination Detail Add	
Vaccine 1:	COVID-19, mRNA, LNP-S, PF, 100 mcg/ 0.5 mL dose (Moderna)
Date Administered:	10/27/2021
Historical:	<input type="radio"/> YES <input checked="" type="radio"/> NO
Manufacturer:	<input type="text"/> Click to select
Lot Number:	<input type="text"/>
Lot Facility:	<input type="text"/>
Funding Source:	<input type="text"/>
Provider Noted on Record:	<input type="text"/>
Lot Noted on Record:	<input type="text"/>
Manufacturer Noted on Record:	<input type="text"/>
Facility:	Select...
Vaccinator:	Scan Barcode Here <input type="text"/> Select...
Anatomical Site:	Scan Barcode Here <input type="text"/> Select...
Anatomical Route:	Scan Barcode Here <input type="text"/> Select...
Dose Size:	Half
Volume (CC):	<input type="text"/>
VFC Status:	Patient is not VFC Eligible.
District/Region:	<input type="text"/>
VIS Publications Dates:	1. <input type="text"/> 2. <input type="text"/> 3. <input type="text"/> 4. <input type="text"/>
Date VIS Form Given:	10/27/2021
Ordering Provider:	Sel...
Comments:	<input type="text"/>

Reporting Wastage for Moderna

Please use the following table as a guide to determine whether or not wastage needs to be reported. Quick rule of thumb: As long as the vial has been punctured 14 times and 14 doses were administered (regardless if they were full primary series doses or half booster doses) there will be no reported wastage.

Moderna 14 Dose Vial Wastage Table

Full doses \ Half Doses	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
0	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
1	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
2	12	11	10	9	8	7	6	5	4	3	2	1	0		
3	11	10	9	8	7	6	5	4	3	2	1	0			
4	10	9	8	7	6	5	4	3	2	1	0				
5	9	8	7	6	5	4	3	2	1	0					
6	8	7	6	5	4	3	2	1	0						
7	7	6	5	4	3	2	1	0							
8	6	5	4	3	2	1	0								
9	5	4	3	2	1	0									
10	4	3	2	1	0										
11	3	2	1	0											
12	2	1	0												
13	1	0													
14	0														
15															
16															
17															
18															
19															
20															

Green Area = No Waste Reported

The number of full doses administered (primary series) is listed across the top. The number of half doses administered (booster doses) is listed on the left side of the chart. Identify the appropriate line for each type of dose administered from a single vial. The **intersection** of those lines represents the number of doses wasted. If your intersection lands within the green field, no wastage occurred, and no wastage reporting is necessary.

Example: 5 full doses (primary series) were administered and 5 half doses (booster doses) were administered before the 12 hour limit was reached. 4 doses should now be reported as wastage.

****UPDATE****

If excess Moderna doses remain in the ASIIS inventory after administering a combination of primary and booster doses, remove excess Moderna doses in the ASIIS reconciliation page with Category: Wasted | Reason: Dose Count Variance Multi-dose Vial

Category	Reason
Wasted	Dose Count Variance Multi-dose Vial

For example: a vial is punctured the max 20 times to administer 20 booster (0.25mL) doses. Since the vial was punctured more than 14 times no wastage needs to be reported on a wasted/expired form, however 4 full doses will remain in the vial and the ASIIS inventory. These 4 remaining doses can be removed using the above method.