

Moderna booster doses are half the volume (0.25 ml / 50 ug) of the full dose (0.5 ml / 100 ug) primary series. Half and full doses may be administered out of the existing 14-dose or 10-dose (14/10) Moderna supply. Vials cannot be punctured more than 20 times. Below is guidance on tracking and accounting for wasted doses of Moderna in the Mississippi Immunization Information eXchange (MIIX). The below MIIX reporting may require changes to current tracking processes.

Key Points:

- Count shots in arms as doses administered (regardless of full or half).
- Report waste based on doses administered, NOT discarded volume.
- You will report waste only when fewer than 14/10 doses (half or full doses) are administered out of a vial.
- When 14/10 doses (half or full doses) or more are administered out of a vial, you will not report waste. This is true even if full doses are discarded.

Process:

- 1.) Keep track of the number of doses (full and half) drawn from the vial.
- 2.) When the beyond use time (12 hrs after puncture) passes, use the appropriate chart on the following page to determine the number of doses to report as waste.
- 3.) During weekly COVID-19 vaccine reconciliation, report the wasted doses determined from the charts on Page 2 in MIIX and on the [COVID Vaccine Wastage Form](#)

14-dose Vial Examples:

- 6 full doses and 4 booster doses administered from a 14-dose vial. → Waste = 4, Admin = 10
- 10 full doses and 4 booster doses administered from a 14-dose vial → Waste = 0, Admin = 14
- 3 booster doses administered from a 14 dose vial. → Waste = 11, Admin = 3
- 20 booster doses administered from a 14 dose vial. → Waste = 0, Admin = 14

10-dose Vial Examples:

- 6 full doses and 4 booster doses administered from a 10-dose vial. → Waste = 0, Admin = 10
- 4 full doses and 8 booster doses administered from a 10-dose vial. → Waste = 0, Admin = 10
- 3 booster doses administered from a 10-dose vial. → Waste = 7, Admin = 3
- 20 booster doses administered from a 10-dose vial. → Waste = 0, Admin = 10

Waste Reporting: Moderna 14-dose Vial

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

Waste Reporting: Moderna 10-dose Vial

Full doses \ Half doses	Full doses								
	1	2	3	4	5	6	7	8	9
1	8	7	6	5	4	3	2	1	0
2	7	6	5	4	3	2	1	0	
3	6	5	4	3	2	1	0		
4	5	4	3	2	1	0			
5	4	3	2	1	0				
6	3	2	1	0					
7	2	1	0						
8	1	0							
9	0								
10 - 20									

 = No Waste Reported in MIIX