

Moderna 10 COVID-19 Vaccine Wastage Guidance

How to Count Waste

As of February 16, 2022, each vial of Moderna COVID-19 Vaccine ships as Moderna 10, which has 10 doses per vial. Some providers may still have vials of Moderna 14, which has 14 doses per vial, though DSHS no longer ships Moderna 14 vials. Waste recorded for a vial of Moderna 10 should equal 10 minus the number of doses administered; for a vial of Moderna 14, waste should equal 14 minus the number of doses administered. Both primary series (full) and booster (half) doses are counted the same way, as one dose each. For example, for Moderna 10:

- If 10 doses of vaccine are administered, regardless of whether the doses were full or half, then no waste needs to be reported.
- If 8 full doses were administered from a vial, then 2 doses would be recorded as waste.
- If 8 half doses were administered from a vial, then 2 doses would be recorded as waste.
- If 4 full doses and 4 half dose were administered from a vial, then 2 doses would be recorded as waste.



Texas Department of State
Health Services

Moderna 10 and Moderna 14 COVID-19 Vaccine Wastage Guidance

Tables on Next Slides

The tables on the following slides are provided to assist you with determining the amount of waste that may be reported in vials of Moderna 10 (10 doses per vial, currently shipped by DSHS) or Moderna 14 (14 doses per vial, no longer shipped by DSHS) COVID-19 Vaccine when administering a combination of primary (0.5mL) and booster (0.25mL) doses.

The number of full doses administered (primary series) is listed on the horizontal axis. The number of booster doses administered is listed on the vertical axis. Identify the appropriate line for each type of doses 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 reporting is necessary. When administering vaccines, do not forget to track which type of dose (primary or booster) was extracted from each vial.



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Moderna 10 Dose Vial Wastage Table

Full doses \ Half Doses	0	1	2	3	4	5	6	7	8	9	10
0	10	9	8	7	6	5	4	3	2	1	0
1	9	8	7	6	5	4	3	2	1	0	
2	8	7	6	5	4	3	2	1	0		
3	7	6	5	4	3	2	1	0			
4	6	5	4	3	2	1	0				
5	5	4	3	2	1	0					
6	4	3	2	1	0						
7	3	2	1	0							
8	2	1	0								
9	1	0									
10	0										
11											
12											
13											
14				No Waste Reported							
15											
16											
17											
18											
19											
20											

Green Area = No Waste Reported



Moderna 14 COVID-19 Vaccine Wastage Guidance

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															

No Waste Reported

Green Area = No Waste Reported

