



FACT SHEET: Moderna COVID-19 Vaccine

Information as of January 14, 2021

VACCINE SHIPMENT

Shipping Partners	Vaccines and ancillary supplies will be shipped directly to vaccination sites or larger organizations by McKesson. If the vaccine needs to be transferred, this must be approved by the state prior. Ancillary supplies will ship separately due to different cold chain requirements.
Ancillary Supplies	Ancillary supplies will be automatically ordered to match the vaccine orders. Supply kits will include needles, syringes, alcohol prep pads, surgical masks & face shields, vaccination record cards for recipients, vaccine needle and length guide.
Scheduling	Vaccines should be scheduled to arrive when staff are guaranteed to be present. All COVID-19 vaccine and ancillary kit deliveries require a signature.

VACCINE STORAGE

Temperature Requirements	The Moderna vaccine can be stored at higher temperatures relative to the Pfizer-BioNTech vaccine. Once thawed, the vaccine cannot be re-frozen.
Shelf Life	Vaccine Storage Unit (-25°C to -15°C): 6 months Standard Medical Refrigerator (2°C to 8°C): 30 days Room Temperature 20°C to 22°C: 12 hours
Dry Ice Requirement	There isn't a dry ice requirement for the Moderna vaccine.

VACCINE LOGISTICS

Recording Requirements	Providers must record minimum/maximum temperature, date, time, name of employee checking and recording temperature, actions taken if a temperature excursion occurred.
Dilution Requirements	There is no dilution requirement.
Dosage and Timing	Each patient will receive 2 doses at least 28 days apart.



NC DEPARTMENT OF
HEALTH AND
HUMAN SERVICES

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VACCINE REDISTRIBUTION AND TRANSFER

Redistribution Process:

Scheduled and planned between two sites within the same organization with a signed redistribution agreement

The state must approve any vaccine redistribution.

- If redistribution is needed, care and thoughtful planning is required. Please follow these steps:
1. Fill out webform through service now: (https://ncgov.servicenowservices.com/csm_vaccine)
 2. NC DHHS will review
 3. If request is approved, follow the guidelines provided in the Vaccine Transport section of the [CDC Storage & Handling Toolkit](#)

The vaccine should be transported a maximum of one time and **should not be transported back** to the point of origin or a new location.

Transfer Process:

Unplanned and unscheduled movement of inventory between two enrolled sites

The state must approve any vaccine transfer.

- If transfer is needed, care and thoughtful planning is required. Please follow these steps:
1. Fill out webform through service now: (https://ncgov.servicenowservices.com/csm_vaccine)
 2. NC DHHS will review
 3. If request is approved, follow the guidelines provided in the Vaccine Transport section of the [CDC Storage & Handling Toolkit](#)

The vaccine should be transported a maximum of one time and **should not be transported back** to the point of origin or a new location.

TRANSPORTATION GUIDELINES

Transportation Guidelines if Vaccine is Thawed

- If vaccines will be transferred while thawed, please follow the general principles:
1. Thawed vaccines must be handled with care and protected from shocks, drops, vibrations, etc.
 2. Punctured vials should not be transported
 3. Vaccine cannot re-freeze during transport
 4. Vaccine should be transported in the carton whenever possible
 5. If transport is conducted at the vial level, the vial should be placed with dunnage to minimize movement during transport.
 6. Vaccine should be transported in insulated containers qualified to maintain 2°C to 8°C during transportation
 7. After transport, vaccine should immediately be placed into a vaccine storage unit at 2°C to 8°C

The vaccine cannot be refrozen under any circumstances.

Transportation Timelines if Vaccine is Thawed

Walking or using hand cart: Cannot exceed 1 hour
Airplane transport: Cannot exceed 3 hours
Vehicle Transport: Cannot exceed 12 hours

