Vaccine Comparison Guide

	Pfizer Vaccine	Moderna Vaccine
Shipment	Three separately acquired components mixed onsite. Pfizer vaccine is shipped at ultra-cold temperatures of -60° C to -80° C (-76° F to -112° F). 1. Vaccine shipped direct to site from manufacturer on dry ice. a. Come in shipments of 195 multidose vials (5 doses per vial totaling 975 doses; **.3mL dose**) 2. Diluent shipped direct to site from US Government at room temperatures 3. Ancillary supply kits shipped directly to site from US Government	Two separately shipped components 1. Vaccine shipped to central distributor at -20**°** C a. Come in multidose vials (10 doses per vial) 2. Ancillary supply kits shipped directly to site from US Government
Order Size	Large (minimum 975, maximum roughly 5,000) orders sent only to large capacity administration sites. Redistribution discouraged due to storage and temperature management requirements.	Central distribution capacity; comes in minimum orders of 100 doses.
On-site Storage	**Frozen (-60° C to -80° C)** • Must be used/recharged within 10 days • Storage in shipping container OK (replenish dry ice within 24 hours of receiving shipment: and again 5 days later) **Thawed but NOT reconstituted (2-8 °C}** • Must be used within 5 days (discard unused doses after 5 days) **Reconstituted (room temperature)** • Must use within 6 hours (discard any unused reconstituted vaccine after 6 hours) If the vaccine is unpacked into another storage unit, such as an ultra-cold freezer, keep the vials within their trays (dimension: 9” X 9” X 1.6”). If stored in an ultra-cold freezer between -60°C to -80°C (-76°F to -112°F), viability can be maintained up to 6 months from date of manufacture.	**Frozen (-25 °C to -15 °C until ready for use) or Refrigerated (2 °C to 8 °C)** • Must use within 7 days if the vial has not been entered • Thaw before use: ○ Thaw in refrigerated conditions between 2° C and 8° C four two hours ○ Let vial stand at room temperature for 15 minutes before administering. ○ Alternatively, thaw at room temperature between 20°C and 25°C for 1 hour. ○ After thawing do not return vial to the freezer. **Room Temperature** • The total time between removal from refrigeration and administration should be no more than 12 hours. • Once the vial has been entered, it must be used within 6 hours. Discard any unused vaccine after 6 hours.
Administration	Two-dose series; 21 days between doses	Two-dose series; 28 days between doses • No onsite mixing required

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	• Onsite mixing required; reconstitute with diluent just prior to administering. • Administer by intramuscular injection	• Once thawed, **swirl vaccine gently** prior to withdrawing a dose. **Do not shake.** • Administer by intramuscular injection
Age Indications	FDA EUA issued for ages 16 and up	FDA EUA *sought* for 18 and up; pending authorization
Additional Information	Storage, handling, indications, labeling and more: https://www.cdc.gov/vaccines/covid-19/info-by-product/pfizer/index.html Pfizer Vaccine Fact Sheet for Vaccine Recipients **(required to be given to recipients upon vaccination, along with record card)**: https://www.michigan.gov/documents/mdhhs/Pfizer-BioNTech_COVID-19_Vaccine_EUA_Fact_Sheet_for_Recipients-withMCIR_710411_7.pdf	Expected upon issuance of EUA

Please continue to visit the Michigan Department of Health and Human Services COVID-19 vaccine provider education website for frequently updated materials on these and other future COVID-19 vaccines.