







mRNA COVID-19 Vaccine Comparison Table

	Moderna XBB.1.5 6 months and older (Royal Blue Cap/Coral Blue Label Border) 	Pfizer-BioNTech XBB.1.5 5 years to 11 years (Blue Cap/Blue Label Border) 	Pfizer-BioNTech XBB.1.5 12 years and older (Gray Cap and Gray Label Border) 
Age	6 months and older	5 years to 11 years	12 years and older
Specific Allergens	PEG/Tris (Tromethamine)	PEG/Tris (Tromethamine)	PEG/Tris (Tromethamine)
# of doses for immunocompetent individuals	1 dose <ul style="list-style-type: none"> • 5 years and older • 6 months to 4 years with 1 or more previous doses of a non-XBB 1.5 • 6 months to 4 years with 1 previous dose of an XBB vaccine and no other prior doses of a COVID-19 vaccine 2 doses <ul style="list-style-type: none"> • 6 months to 4 years previously unimmunized 	1 dose	1 dose
# of doses of individuals with certain immunocompromising conditions	1 dose <ul style="list-style-type: none"> • Previously received 3 or more doses of non-XBB.1.5 3 doses <ul style="list-style-type: none"> • 6 months to 4 years previously unimmunized 2 doses <ul style="list-style-type: none"> • 5 years and older previously unimmunized Appropriate # of doses to complete a 3-dose series <ul style="list-style-type: none"> • Previously received 1 or 2 doses of non-XBB.1.5 	1 dose <ul style="list-style-type: none"> • Previously received 3 or more doses of non-XBB.1.5 2 doses <ul style="list-style-type: none"> • Previously unimmunized Appropriate # of doses to complete a 3-dose series <ul style="list-style-type: none"> • Previously received 1 or 2 doses of non-XBB.1.5 	1 dose <ul style="list-style-type: none"> • Previously received 3 or more doses of non-XBB.1.5 2 doses <ul style="list-style-type: none"> • Previously unimmunized Appropriate # of doses to complete a 3-dose series <ul style="list-style-type: none"> • Previously received 1 or 2 doses of non-XBB.1.5
# of doses of individuals post-HSCT and/or CAR T-cell therapy recipients	3 doses <ul style="list-style-type: none"> • Previously unimmunized 	3 doses <ul style="list-style-type: none"> • Previously unimmunized 	3 doses <ul style="list-style-type: none"> • Previously unimmunized
Additional dose	Additional dose indicated for those at high risk of severe illness. See biological page for details.	Additional dose indicated for those at high risk of severe illness. See biological page for details.	Additional dose indicated for those at high risk of severe illness. See biological page for details.

	Moderna XBB.1.5 6 months and older (Royal Blue Cap/Coral Blue Label Border) 	Pfizer-BioNTech XBB.1.5 5 years to 11 years (Blue Cap/Blue Label Border) 	Pfizer-BioNTech XBB.1.5 12 years and older (Gray Cap and Gray Label Border) 
Dose	6 months to 11 years <ul style="list-style-type: none"> • 0.25 mL (25 mcg) 12 years and older <ul style="list-style-type: none"> • 0.5 mL (50 mcg) 	0.3 mL (10mcg)	0.3 mL (30mcg)
Doses per Vial	# of 0.5 mL doses: 5 # of 0.25 mL doses: 10	6	6
Dilution Volume	Dilution NOT required	Dilution NOT required	Dilution NOT required
Co-administration	Can be co-administered with other vaccines (exception: mpox vaccine has spacing considerations. See mpox biological page for more information.)	Can be co-administered with other vaccines (exception: mpox vaccine has spacing considerations. See mpox biological page for more information.)	Can be co-administered with other vaccines (exception: mpox vaccine has spacing considerations. See mpox biological page for more information.)
Storage and Handling			
ULT Freezer Storage (-90°C to -60°C)	Not applicable	18 months	18 months
Freezer Storage (-25°C to -15°C)	Until date of expiry	Can NOT be stored at --25°C to -15°C	Can NOT be stored at --25°C to -15°C
Prior to dilution/Pre-puncture Refrigerated Storage (+2°C to +8°C)	30 days	10 weeks	10 weeks
Prior to dilution/Pre- puncture Room Temperature Storage (+8°C to +25°C)	24 hours	12 hours	12 hours
After Dilution/Post- puncture (+2°C to +25°C)	24 hours	12 hours	12 hours
Onward Transportation	Frozen or refrigerated full cartons or individual unpunctured vials	Ultra-frozen full cartons Refrigerated full cartons or individual unpunctured vials	Ultra-frozen full cartons Refrigerated full cartons or individual unpunctured vials
Expiry date	Until expiry date printed on vial	18 months after manufacturing date printed on vial label	18 months after manufacturing date printed on vial label