

# Evaluated Standards

This guide focuses on the selection of messaging standards to support the in scope use cases.

## Messaging

The following standards were considered to communicate Vaccination Events and to Query Immunization Repositories.

Standard	Fit for Purpose			Stewardship		Quality		
	Fits Requirements	Implementation Type	Vendor Support	Canadian Steward	SDO Maintained	Complexity	Standard Maturity	Training, Support and Tooling
Immunization HL7 V3.0	<div><div></div></div>	Production in Canada	<div><div></div></div>	Yes	Yes	<div><div></div></div>	Med	<div><div></div></div>
CeRx HL7 V3.0	<div><div></div></div>	Production in Canada	<div><div></div></div>	Yes	Yes	<div><div></div></div>	High	<div><div></div></div>
HL7 v2	<div><div></div></div>	No known implementations in Canada	<div><div></div></div>	No	Yes	<div><div></div></div>	High	<div><div></div></div>
Architectural Constraints and Considerations				Secondary Benefits				
The HL7 V3 immunization specification was designed to support the immunization use cases in a manner consistent with the design principles of Canada's digital health blueprint and supercedes the CeRx specification.				Version 3 uses rigorous analytic and message building techniques and eliminates areas of optionality that could negatively impact semantic interoperability.				
Recommendation				Supporting Rationale				
It is recommended that new implementations adopt Immunization HL7 V3.0 for immunization.				The specification was designed to meet the in-scope use cases and conforms with the architectural design of Canada's digital health blueprint.				