



Data reporting guidance for Missouri COVID-19 vaccinators

For more information and other helpful resources, please visit the State's [vaccinator resource hub](#).

Purpose of this document

This document was created by the Missouri Department of Health and Senior Services (DHSS) to provide guidance to Missouri vaccinators regarding required reporting for COVID-19 vaccinations.

This document does not apply to select COVID-19 vaccinators that are partnering with the federal government and who will be reporting directly to the Centers for Disease Control and Prevention (CDC). Guidance for those providers is available from CDC [here](#).

While this document describes what fields are required to report, please make sure you have worked with our reporting team to confirm how you will report. You can reach them at ImmunizationHL7Onboarding@health.mo.gov.

Context

CDC requires all vaccinators to report all COVID-19 vaccinations within a 24-hour period. Vaccinators will report their dose administration to Missouri's immunization information system, ShowMeVax. All the fields below are typical in nature for vaccination reporting and should be able to be included in the HL7 messages that many providers will use to transmit data to ShowMeVax. For those vaccinators who will be entering reporting data into ShowMeVax manually, these fields will appear in the entry form.

Thank you for your diligence in reporting this information. This information is critical toward helping us monitor vaccination rates, booster doses, and overall supply around the state.

Note: These fields are subject to change over time. For example, at this time comorbidity status and occupation are not required fields but may be requested in the future as Missouri vaccinates various priority population groups such as workers in essential jobs. All changes in reporting requirements will be communicated in a timely manner.

Fields are listed in a table on the following page.

Fields required to be reported for all vaccinations

For vaccinators submitting data to ShowMeVax via HL7 messages, we have provided the respective HL7 segment. For vaccinators submitting data manually directly into ShowMeVax, we have specified which fields are located in the person's patient profile, and which fields will be entered with each vaccination.

Required Field	Example	HL7 location	Manual entry location
Recipient name	Mary Smith	PID.5	Enter this information in the person's patient profile in ShowMeVax. Create a new profile if the patient does not already have one in ShowMeVax.
Recipient address: street, city, county state, zip code	123 Main Street	PID.11	
Recipient date of birth	5/27/1968	PID.7	
Recipient ethnicity	Not Hispanic or Latino	PID.22	
Recipient race	Asian	PID.10	
Recipient sex	F	PID.8	
Sending organization	Hope Hospital	MSH.4	Enter this information in the fields prompted when you select "Add Administered."
Administered at location: facility name	Hope Clinic	RXA.11	
Administration address: street, city, county, state, zip code	456 Second Ave	RXA.11.9-15	
Administration date	1/1/2021	RXA.3	
CVX (product)	207, 208 for CVX or NDC	RXA.5	
Lot number: unit of use	A####A	RXA.15	
MVX (manufacturer)	PFR	RXA.17	
Vaccine administering site (on the body)	LA (left arm)	RXR.2	
Vaccine expiration date	2/1/2021	RXA.16	
Vaccine route of administration	Intramuscular	RXR.1	