

COVID-19 Vaccine Administration Tracking Solution Resource

Overview: This document may be used as a supplement to the [Master Awardee Work Plan: Preparing IISs for COVID-19 Response](#) to prepare jurisdictions for COVID-19 response. Jurisdictions can use this resource to help inform their selection of a vaccine administration tracking solution, or combination of solutions, that best suits their needs. This includes all requirements outlined in the [COVID-19 Vaccination Program Interim Playbook for Jurisdiction Operations](#) (Section 11), [Master Awardee Work Plan](#), and [COVID-19 Vaccine Reporting Specifications \(CVRS\)](#).

Goal: This document serves as a resource to help jurisdictions identify the strengths and potential gaps of an IIS or other vaccine administration tracking solution and areas where more information is needed to enable selection of a vaccine administration tracking solution.

Vaccine Administration Tracking Solution: There are three options for a vaccine administration tracking solution:

1. **VAMS:** Jurisdictions can elect to use the Vaccine Administration Management System (VAMS). VAMS is an easy-to-use, secure, online tool to manage vaccine administration from the time the vaccine arrives at a clinic to when it is administered to a recipient. VAMS provides dose-level accountability until a dose is either administered or an unused vaccine dose is returned. VAMS supports sharing of real-time or near-real-time data collected during COVID-19 vaccination administration with IISs.
 - VAMS supports all key vaccination tracking solution capabilities.
 - VAMS can only be used as a whole; it is not possible to use only portions of it.
 - Additional information on VAMS may be found in the [VAMS demo](#) and VAMS training sessions, which are described in the 09/25/2020 [IIS Information Brief \(IIS Info Brief Archive folder\)](#).
2. **Enhanced IIS:** Jurisdictions can elect to enhance their IISs to meet the capabilities outlined below.
3. **Other vaccine administration tracking solution:** Jurisdictions can elect to use another vaccine administration tracking solution that meets the requirements outlined below.

Jurisdictions do not need to use a single vaccine administration tracking solution throughout the COVID-19 vaccination program. For example, a jurisdiction may elect to use one solution (e.g., VAMS) during initial targeted vaccination efforts and another solution (e.g., enhanced IIS) for general population vaccination. Depending on the capabilities of the jurisdiction's IIS, jurisdictions may also use a combination of solutions (e.g., enhanced IIS and other vaccine administration tracking solution for providers not currently reporting to the IIS).

How to Use this Resource:

- 1) If you haven't already, review the following materials: [VAMS demo](#), [COVID-19 Vaccine Reporting Specifications \(CVRS\)](#), the *Jurisdiction's IIS COVID-19 Preparedness Report*.¹
- 2) Assess your jurisdiction's ability to support each capability listed below based on your current IIS or selected vaccine administration tracking solution. Circle "Yes," "No," or "Uncertain." If uncertain, discuss IIS/vaccine administration tracking solution capabilities internally and with your CDC IIS SME.

Yes Strength of IIS/ Vaccine Administration Tracking Solution	No Potential Gap	Uncertain Find More Information
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- 3) By November 2020, determine which solution(s) will meet the most capabilities and result in a successful vaccination program. In the table below, the **bolded capabilities represent minimum requirements** the jurisdiction or solution should meet.

Category	Jurisdiction Resources or Solution Capabilities (Bolded capabilities are minimum requirements)	VAMS Capability (prefilled)	IIS Capability (select one)			Vaccine Administration Tracking Solution Capability (select one)		
Data Requirements	The solution captures all COVID-19 Vaccine Reporting Specifications (CVRS), or the jurisdiction has a plan to add missing elements to the IIS by November 2020.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
Data Reporting	The jurisdiction can report the required COVID-19 data to CDC within 24 hours of vaccine administration. An IIS or other tracking solution will be able to do this if: <ul style="list-style-type: none"> • The IIS is onboarded to the IZ Gateway, or • The jurisdiction plans to use another tracking solution that integrates with the IIS, or • The jurisdiction plans to use another tracking solution that sends data to the IIS, or 	Yes	Yes	No	Uncertain	Yes	No	Uncertain

¹ All jurisdictions should have received a copy from their CDC IIS SME during the week of 09/28/2020. If you need a copy, please contact your jurisdiction's CDC IIS SME.

Category	Jurisdiction Resources or Solution Capabilities (Bolted capabilities are minimum requirements)	VAMS Capability (prefilled)	IIS Capability (select one)			Vaccine Administration Tracking Solution Capability (select one)			
	<ul style="list-style-type: none"> The jurisdiction can send a data extract to the IZ Data Clearinghouse. 					The solution can be queried for real-time reporting.	Yes	Yes No Uncertain	Yes No Uncertain
	The jurisdiction has the resources to complete any needed reporting enhancements.	Yes	Yes No Uncertain	Yes No Uncertain	Vaccine Ordering and Inventory Management	The solution supports vaccine ordering and inventory tracking.	Yes	Yes No Uncertain	Yes No Uncertain
	The solution supports dose-level accountability.	Yes	Yes No Uncertain	Yes No Uncertain		The jurisdiction has a process to onboard new COVID-19 vaccination providers to VTrckS for COVID-19 vaccine ordering.	Yes	Yes No Uncertain	Yes No Uncertain
	The jurisdiction has training materials available to answer users' technical or clinical questions (e.g., user manual, FAQs, demos, question and answer tool or process).	Yes	Yes No Uncertain	Yes No Uncertain		The jurisdiction has the resources and capabilities to support the solution during initial targeted vaccination efforts and general population vaccination.	Yes Uncertain	Yes No Uncertain	Yes No Uncertain
	The solution can send reminders to vaccine recipients for follow-up doses and appointments, as well as notifications when the series is complete. Reminders can be sent in multiple ways (e.g., SMS text, email).	Yes	Yes No Uncertain	Yes No Uncertain		The solution can provide a certificate of completion to the vaccine recipient.	Yes	Yes No Uncertain	Yes No Uncertain

Category	Jurisdiction Resources or Solution Capabilities (Bolted capabilities are minimum requirements)	VAMS Capability (prefilled)	IIS Capability (select one)			Vaccine Administration Tracking Solution Capability (select one)		
	The solution can gather day-of-vaccination information about the patient’s current health status prior to vaccination (e.g., allergies, current fever).	Yes	Yes	No	Uncertain	Yes	No	Uncertain
Vaccine Recipient Support	The solution allows vaccine recipients to schedule appointments.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The solution supports recipients in reporting adverse events.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The solution supports receipt of data from mobile devices.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
Provider Support	Providers will be able to access and utilize the selected solution by November 2020.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The solution allows providers to indicate available times for vaccination appointments and allows patients to schedule appointments during those times.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The solution supports receipt of data from mobile devices and/or a mobile IIS module.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The solution supports providers’ day-of-vaccination information needs regarding recipient eligibility to receive COVID-19 vaccine (e.g., checks comorbidities and contraindications).	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The jurisdiction has the resources and capabilities to develop and implement a training plan for providers.	Yes No Uncertain	Yes	No	Uncertain	Yes	No	Uncertain
Employer/ Organization Support	The solution allows employers to upload a list of people they want to receive the vaccine.	Yes	Yes	No	Uncertain	Yes	No	Uncertain

Category	Jurisdiction Resources or Solution Capabilities (Bolted capabilities are minimum requirements)	VAMS Capability (prefilled)	IIS Capability (select one)			Vaccine Administration Tracking Solution Capability (select one)		
System Infrastructure	The software on which the vaccine administration tracking solution depends is up to date or will be by November 2020.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The hardware on which the vaccine administration tracking solution depends is up to date or will be by November 2020.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	Known software defects or needed enhancements for the solution have been addressed or there is a plan to address them by November 2020.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The solution has multi-factor authentication or similar security features.	Yes	Yes	No	Uncertain	Yes	No	Uncertain
	The jurisdiction has the resources needed to enhance the IIS by November 2020.	N/A	Yes	No	Uncertain	Yes	No	Uncertain
	The jurisdiction has the resources needed for data security.	Yes	Yes	No	Uncertain	Yes	No	Uncertain