



**AIRA**  
AMERICAN IMMUNIZATION  
REGISTRY ASSOCIATION

# INFORMATION REQUEST

Topic: WHO-approved COVID-19 vaccines in IIS.

**Request Date:** September 16, 2021

**Information Requested:**

The Virginia Department of Health, Division of Immunization, has questions about World Health Organization (WHO)-approved COVID-19 vaccines in IIS.

If your IIS is transcribing non-US WHO-approved COVID-19 vaccines:

- How do they display in the IIS?
- Are they associated with “unknown” COVID-19 coding?

**Requesting Member:** Christy Gray (VA)

**Responding Member(s):** Eric Larson (AIRA), Maureen Leeds (MN), Megan Meldrum (NY), Ellen Amore (RI), Jeff Goggin (RI), Bridget Ahrens (VT), Jeff Chorath (WA), Tim Neely (WV)

**Results:**

**AIRA:**

We’ve had this question (or a version of it) from others too. Below are a couple of our responses based on various discussions/guidance in the community. The only thing we haven’t discussed is display techniques, but display isn’t often discussed in the standards meetings.

IIS are intended to include the entire patient vaccination history, including doses given outside the US, in order to support clinic care. These doses should be recorded as historical and given a vaccine code that best represents what the patient received. This applies to any type of vaccination including Covid doses.

The CDC announced in the 7/30/2021 VIS Code Set Release that it updated the COVID-19 code set to support documentation of non-USA COVID-19 vaccinations. I’ve pasted below the email announcement and here is the link to the COVID-19 Vaccine Codes page which contains more information: [https://www.cdc.gov/vaccines/programs/iis/COVID-19-related-codes.html?ACSTrackingID=USCDC\\_959-DM62922&ACSTrackingLabel=VIS%20Code%20Set%20Release%20-%20Update%207%2F30%2F2021&deliveryName=USCDC\\_959-DM62922#codes](https://www.cdc.gov/vaccines/programs/iis/COVID-19-related-codes.html?ACSTrackingID=USCDC_959-DM62922&ACSTrackingLabel=VIS%20Code%20Set%20Release%20-%20Update%207%2F30%2F2021&deliveryName=USCDC_959-DM62922#codes).



ACIP also has guidance on which foreign vaccines can count towards U.S. vaccination. It doesn't discuss or give guidance on validating the event actually occurred. You can find the details here: <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html#people-vaccinated-outside-us>.

Secondary to this, but on the rise are Clinical Trial vaccines that have yet to be approved. ACIP also has information on which records to validate. <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/covid-19-vaccines-us.html#vaccinated-part-clinical-trial>

Both of these are also in the CDSi project which helps Health IT implement all of the myriad of ACIP rules in a consistent manner. <https://www.cdc.gov/vaccines/programs/iis/cdsi.html>

**MN:**

Minnesota is accepting information on non-US WHO-approved COVID-19 vaccines. There are displayed in the UI with the vaccine and trademark information provided by the CDC IIS code sets. They are marked as NOT VALID as we have no official schedule information for them, but information has been distributed to providers on how to determine if someone counts as vaccinated.

They are not associated any unknown COVID-19 coding.

Client Name (First - MI - Last)	DOB	Gender	Mother's Maiden	Tracking Schedule	Chart Number
MICKEY WALT MOUSE	04/27/1998	F		ACIP	
Address					
Comments					

  

<b>History</b>	Add Immunization	Edit Client	Reports	Print	Print Confidential		
Vaccine Group	Date Administered	Series	Vaccine [Trade Name]	Dose	Owned?	Hist?	Edit
COVID-19	<a href="#">09/20/2021</a>	NOT VALID	COVID-19 IV Non-US (CoronaVac, Sinovac) [Coronavac (Sinovac) COVID-19 Vaccine ®]			Yes	
HepB	<a href="#">12/12/2001</a>	1 of 3	HepB-Peds [Recombivax-Peds ®]	Full			
	<a href="#">06/25/2018</a>	2 of 3	HepB-Peds [Recombivax-Peds ®]	Full			
Influenza	<a href="#">10/01/2018</a>	Booster	Flu, trivalent, live attenuated [FluMist trivalent ®]			Yes	
MMR	<a href="#">02/01/2016</a>	1 of 2	MMR			Yes	
	<a href="#">02/02/2016</a>		MMR			Yes	
	<a href="#">03/14/2017</a>	2 of 2	MMR	Full			
	<a href="#">03/15/2017</a>		MMR	Full			

**Current Age: 23 years, 4 months, 24 days**



**NY:**

A quick overview of NYSIIS:

We display the non-us vaccines NYSIIS under the COVID vaccine group and with their specific tradenames as linked to the CVX code per the CDC tables, however they are NOT included as part of the COVID series. So, for example, if a person had two AstraZeneca COVID reported to NYSIIS we would display this information (vaccine, date, tradename... etc). However, neither would be listed as part of a series. If that person, then received a dose of Pfizer that dose would be seen as the first of the COVID vaccine series and display as dose 1 of 2. If at such time we are directed to have the WHO non-US vaccines count as completing a vaccine series, we will adjust our schedule/forecast accordingly.

Let me know if this makes sense or you would like additional information.

**RI: Ellen Amore**

The RI IIS accepts all COVID vaccines that have a CVX code. They are not counted as unknown if the CVX code is known. Those that are not WHO/FDA approved are displayed in the IIS using the CVX code description with the evaluation "Not counted toward immunity in US" and are not counted in any reports of vaccinated Rhode Islanders.

**RI: Jeff Goggin**

Rhode Island currently consumes all COVID codes. COVID doses are captured with the coding as reported.

Only those codes indicating a COVID vaccine currently approved to count towards immunity in the US are noted as Valid in the registry and are therefore sharable via a vaccine lookup/portal. Those codes indicating a dose of vaccine not counted towards immunity in the US are marked as invalid at this time.

Please let me know if you have further questions.

**VA:**

In Vermont, we add all CVX codes issued for covid vaccines to our IIS.

We have a grid in the interface that displays all the vaccines currently available, including Pfizer, Moderna, and Jansen. For others, an interface user would need to choose "add a vaccine" and pick from a larger list. Sites reporting via HL7 message (the majority of our users) can simply send whichever existing CVX code they wish. Reports will display any vaccine administered that is recorded in the IIS.



I might add that we are currently struggling with some of the newest covid vaccine names being issued with the CVX codes. We have generally displayed the “short antigen name” in our IIS reports but these are getting longer, complicated, and hard to distinguish between. We are planning to enter these new vaccine codes with a modified name.

**Examples:**

COVID-19, mRNA, LNP-S, PF, 3 mcg/0.2 mL dose, tris-sucrose	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 3 mcg/0.2mL dose, tris-sucrose formulation	219	Active	9/8/2021	Potential FDA EUA, Pfizer tris-sucrose vaccine for 2 through 4 years of age
COVID-19, mRNA, LNP-S, PF, 10 mcg/0.2 mL dose, tris-sucrose	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 10 mcg/0.2mL dose, tris-sucrose formulation	218	Active	9/13/2021	Potential FDA EUA, Pfizer tris-sucrose vaccine for 5 through 11 years of age
COVID-19, mRNA, LNP-S, PF, 30 mcg/0.3 mL dose, tris-sucrose	SARS-COV-2 (COVID-19) vaccine, mRNA, spike protein, LNP, preservative free, 30 mcg/0.3mL dose, tris-sucrose formulation	217	Active	9/13/2021	Potential FDA EUA, Pfizer tris-sucrose formulation vaccine for ages 12 and older

**WA:**

For the Washington IIS, we added CVX codes for all Who-approve vaccines. Previously, they were listed as unknown, but now there is an associated manufacturer in the system. However, there is no forecasting/schedule for these vaccines. We are awaiting guidance from the CDC to add it.

**WV:**

I'm not sure if we've received any covid vaccines from out of the country. If the person presents at a provider's office and wants the data entered into the IIS. The provider would have to ensure that standards are met for a vaccine/person to be added to the IIS. If there is something that Virginia is looking for specifically and they know we have that information, I would be glad to share, but I've not seen any vaccines from out of the country.



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