

Vaccine Code Set Management Services (VCSMS): Viewpoint User Guide

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Purpose of this user guide

- What is Viewpoint?
 - Viewpoint supports vaccine code set content access to end users via a browser interface.
- Who is the audience?
 - All users of CDC vaccine code set information.
- How to use this user guide?
 - This user guide provides Viewpoint screenshots, a diagram of code set relationships, and other helpful information to get you started.
- Where to go for additional help?
 - For additional questions about Viewpoint or vaccine code sets, please contact ISInfo@cdc.gov.

Viewpoint Navigation and Search screen



Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

Vaccine Code Set Management Service – Viewpoint

Terminology Search

Taxonomy Browse

Terminology Mappings

History



Select search type

Select a code set

Word begins with

All

Search for

Search

Reset

Advanced

In Viewpoint, there are 3 main search types (Terminology Search, Taxonomy Browse, Terminology Mappings) under which search criteria can be entered. All 3 search types access the overall code set database but each offers a distinct starting point for the search.

Note: When a search type is selected, the dropdown options available on the page change accordingly

Click [Here](#) to access Viewpoint

Terminology Search

Terminology search is used to find and select records from the desired code set. Once a record is selected, the user can navigate to more detail about the selected code and its relationship to other codes.

This search function is driven by different catalogs and subsets, also known as code set. Below are the code sets as listed under the Terminology Search catalog:

- **AMA CPT Immunization Subset:** The catalog of vaccine related CPT procedure codes
- **CDC Manufacturer of Vaccine (MVX):** The catalog of vaccine manufacturer MVX codes
- **CDC Vaccine Administered:** The catalog of CDC vaccine administration CVX codes
- **CDC Vaccine Group:** The catalog of codes used to group vaccine CVX codes
- **CDC Vaccine Information Statement:** The catalog of current and historic vaccine information statements
- **CDC Vaccine Product:** The catalog of vaccine trade names and their associated CVX and MVX codes
- **FDA NDC Immunization Unit of Sale:** The catalog of NDC Units of Sale (package)
- **FDA NDC Immunization Unit of Use:** The catalog of NDC Units of Use (vial/syringe)

The following control catalogs also appear under Terminology Search however do not represent content available in Viewpoint:

- **Viewpoint Catalog Control**
- **Viewpoint Map Control**
- **Viewpoint Model Control**

Terminology Search

Terminology Search provides the most useful and effective way to search for records from a particular code set. To conduct a basic Terminology Search, click on the tab, select appropriate dropdown function, enter a word in the 'Search for' field (if needed) and click **Search** button.



Vaccine Code Set Management Service – Viewpoint

Terminology Search

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Select search type
Word begins with

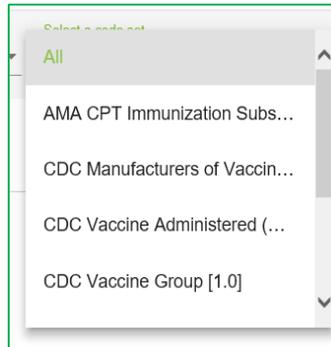
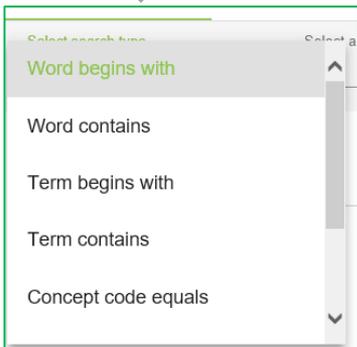
Select a code set
All

Search for

Search

Reset

Advanced



Taxonomy Browse

The Taxonomy Search is used to browse the hierarchy of codes and their relationships in the CDC Vaccination Model starting from the vaccine group to the CVX code, subsequent codes and associations.

To conduct a basic Taxonomy Search, click on the tab and select the CDC Vaccination Model dropdown. The list of the vaccine groups display in the content model. Selecting a vaccine group will result in list of CVX codes associated to that vaccine group. Navigation from here on will allow the user to navigate to all relationships associated with the selected CVX code.

The diagram illustrates the process of performing a Taxonomy Browse search. It starts with the 'Vaccine Code Set Management Service – Viewpoint' interface. The 'Taxonomy Browse' tab is selected, and the 'Select a content model' dropdown is highlighted. An arrow points to the dropdown menu, which shows 'CDC Vaccination Model' selected. Another arrow points to the resulting list of vaccine groups: CDC Vaccination Model, ADENO, ANTHRAX, BCG, CDC Vaccine Root, cholera, DTAP, and FLU.

Vaccine Code Set Management Service – Viewpoint

Terminology Search **Taxonomy Browse** Terminology Mappings

Select a content model

CDC Vaccination Model

Vaccine Code Set Management Service – Viewpoint

Terminology Search **Taxonomy Browse** Terminology Mappings

Select a content model
CDC Vaccination Model

- ▼ CDC Vaccination Model
 - ADENO
 - ANTHRAX
 - BCG
 - CDC Vaccine Root
 - cholera
 - DTAP
 - FLU

Terminology Mapping

Terminology Mapping allows browsing of the two code set maps available (AMA CPT to CVX and FDA NDC Unit of Use to CVX). It also allows browsing of the entire map and provides a list of all mapped records in the selected map. Each map has a source code on the left side and target code on the right allowing users to access respective records by clicking on the "I" button for additional details.

To conduct a search on terminology mappings, click on the tab, select appropriate dropdown function, enter a word in the 'Search for' field (if needed) and click the **Search** button.

The screenshot displays the 'Vaccine Code Set Management Service – Viewpoint' interface. The 'Terminology Mappings' tab is selected and highlighted with a red box. Below the tabs, there are two dropdown menus, both also highlighted with red boxes. The first dropdown is labeled 'Source Word Be...' and the second is labeled 'Select a map'. To the right of these dropdowns is a 'Search for' text input field, followed by 'Search' and 'Reset' buttons. Below the 'Source Word Be...' dropdown, a list of search options is shown: 'Source Word Begins' (highlighted in green), 'Source Word Contains', 'Source Term Begins', 'Source Term Contains', and 'Source Concept Code Equals'. Below the 'Select a map' dropdown, a list of maps is shown: 'AMA CPT Immunization Subset...' and 'FDA NDC Immunization Unit of...'. At the bottom of the map list, the words 'Concept' and 'Retired' are visible.

Advanced Search

An Advanced Search can only be conducted under the Terminology Search and Terminology Mappings catalogs. Checking the Advanced box displays new search options that can be selected to further explore Viewpoint

Vaccine Code Set Management Service – Viewpoint

Terminology Search

Taxonomy Browse

Terminology Mappings

History



Select search type

Select a code set

Word begins with



All

Search for

Search

Reset

Advanced

Select attribute



Search value



Include Retired



Include Aliases



Use Phonetic

Vaccine Code Set Management Service – Viewpoint

Terminology Search

Taxonomy Browse

Terminology Mappings

History



Select search type

Source Word Begins



Select a map

Search for

Search

Reset

Advanced

Select map status

All



Include Retired



Include Aliases



Use Phonetic

Covid Search Results

Below is an example search for "covid" which returns all results related to "COVID-19" vaccines.

Vaccine Code Set Management Service – Viewpoint

Terminology Search

Taxonomy Browse

Terminology Mappings

History



Select search type

Select a code set

Search for

Word begins with

All

covid

Search

Reset

Advanced

Name	Alias Hit	Concept Code	Code Set	Retired	View
COVID-19		46	CDC Vaccine Group		
COVID-19 AstraZeneca Vaccine EUA Recipient-Caregiver Fact Sheet		253088698300035611210201	CDC Vaccine Information Statements (VIS)		
COVID-19 Janssen Vaccine EUA Recipient-Caregiver Fact Sheet		253088698300036311210201	CDC Vaccine Information Statements (VIS)		
COVID-19 Moderna Vaccine EUA Recipient-Caregiver Fact Sheet		253088698300034911210401	CDC Vaccine Information Statements (VIS)		
COVID-19 Pfizer BioNTech Vaccine EUA Recipient-Caregiver Fact Sheet		253088698300033211201201	CDC Vaccine Information Statements (VIS)		
COVID-19 vaccine, vector-nr, rS-Ad26, PF, 0.5 mL		212	CDC Vaccine Administered (CVX)		
COVID-19 vaccine, vector-nr, rS-ChAdOx1, PF, 0.5 mL		210	CDC Vaccine Administered (CVX)		



- Clicking on the "I" icon expands the record providing additional details about the vaccine.

Covid Search Results Overview

When a specific record has been selected, the search results are presented in a standardized view as shown below.

Vaccine Code Set Management Service – Viewpoint

Terminology Search Taxonomy **View** Terminology Mappings History **?**

SARS-COV-2 (COVID-19) vaccine, vector non-replicating, recombinant spike protein-Ad26, preservative free, 0.5 mL Concept Code: 212 **Back**

Code Set	
CDC Vaccine Administered (CVX)	Is Retired: <input type="checkbox"/>

Attributes	
Effective Date	02/01/2021
Nonvaccine	False
Note	Potential EUA, 1-dose vaccine
Vaccine Status	Active [Code Value: 1]

Aliases			
Alias	Description ID	Language	Purpose
COVID-19 vaccine, vector-nr, rS-Ad26, PF, 0.5 mL		English-US	Short
SARS-COV-2 (COVID-19) vaccine, vector non-replicating, recombinant spike protein-Ad26, preservative free, 0.5 mL		English-US	Fully Specified Name

Relationships (5)		
Child ID	Term Description	Catalog
59676-580-05	AD26.COVS.S 50000000000{VP}/.5mL INTRAMUSCULAR INJECTION, SUSPENSION (Janssen COVID-19 Vaccine)	FDA NDC Immunization Unit of Use
Member ID	Term Description	Catalog
173	Janssen (J&J) COVID-19 Vaccine	CDC Vaccine Product

Other Relationships			
Relationship	Term ID	Term Description	Catalog
Mappings (2)			
Inbound	Outbound		
From	←	AMA CPT Immunization Subset	▼

- The top heading and left side represents the elements in the code set catalog related to this record.
- The upper right section identifies relationships between this record and other code sets. The user can drill down through the relationships by clicking on each relationship. As new record catalogs information appears, additional relationships will appear.
- The lower right corner shows what maps exist for the selected record. To see all maps, click on the inbound and outbound labels.

Search Results - No Relationships Mapped

When a specific record has been selected, the search results are presented in a standardized view as shown below.

Terminology Search Taxonomy Browse Terminology Mappings History 

Cholera Vaccine, Live, Oral KIT (Vaxchora) Concept Code: 70460-003-02 [Back](#)

Code Set	
FDA NDC Immunization Unit of Use	Is Retired: <input type="checkbox"/>

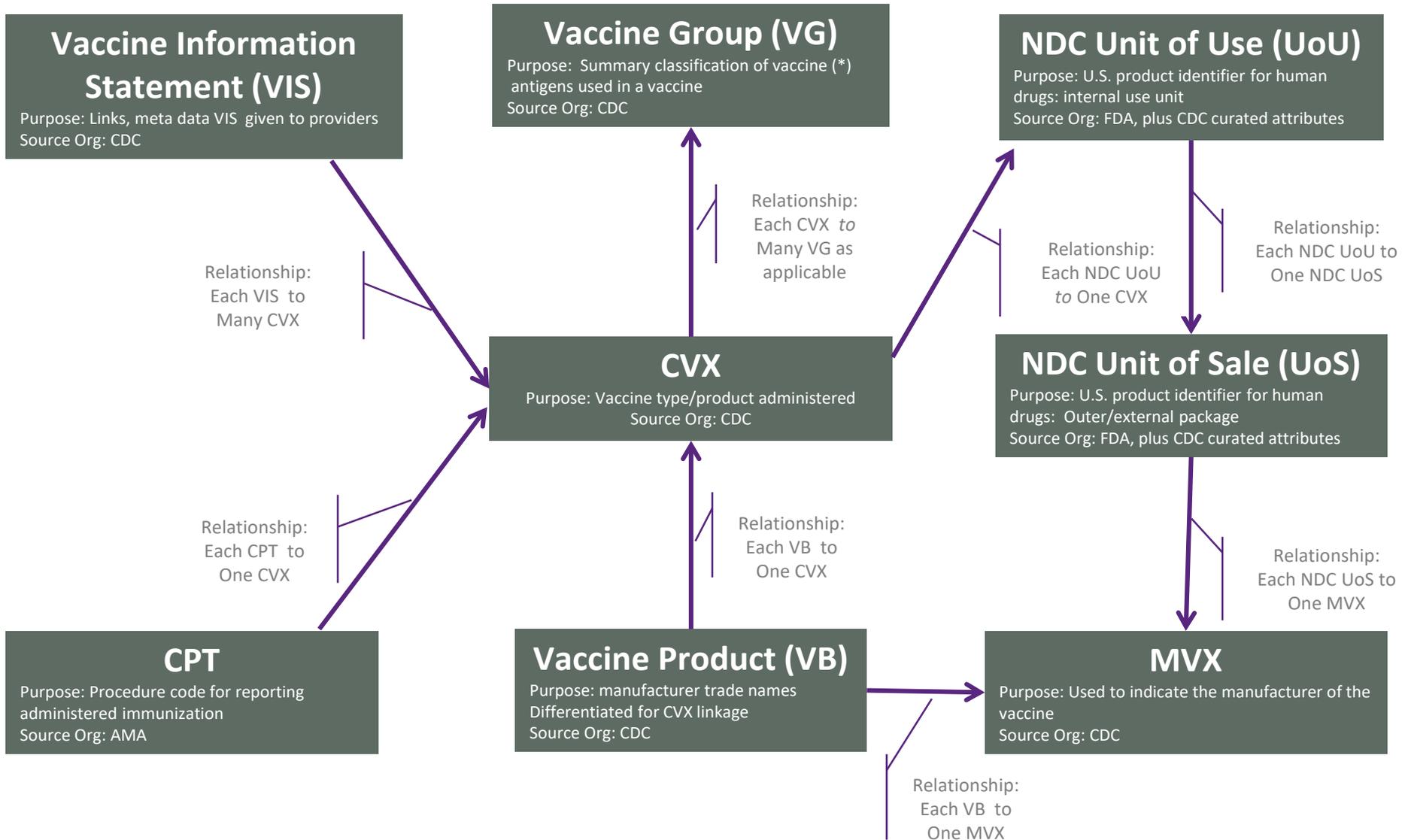
Attributes	
ApplicationNumber	BLA125597
Exclude	Yes [Code Value: 1]
ExcludeReason	Data Conversion Decision 2017 - Never included in published code set before conversion
Manufacturer Labeler	Paxvax, Inc.
MarketingCategoryName	BLA
MarketingStartDate	20161003
PackageDescription	1 POWDER, FOR SUSPENSION in 1 PACKET
ProductType	VACCINE
UseType	Unit of Use [Code Value: U]

Relationships (0)	
There are no relations for this term.	

Mappings (0)	
There are no mappings for this term.	

- Some NDC records may have an attribute of exclude "Yes". These records are not published in the CDC code set and may not have relationships mapped.

Vaccine Code Set Mappings available for Viewpoint



Questions and Comments

- Please let us know if you have questions, comments, or suggestions for improving this user guide
- Email us at iisinfo@cdc.gov