

PHIN VADS

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WELCOME TO PHIN VADS

Welcome to the Public Health Information Network (**PHIN**) Vocabulary Access and Distribution System (**VADS**). **PHIN VADS** is a vocabulary repository and server which allows **CDC's** public health partners to browse, search, and download vocabulary concepts required for PHIN messaging and applications.

Public Health Information Network Vocabulary Access and Distribution System (PHIN VADS)

Application Version: 4.0.3
Content Version: 2017.01.26

[Release Notes](#) [PDF122KB]
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Related Links

- [PHIN Vocabulary Services](#)
- [Quick Links / Mapping Tools](#)
- [External Standards Resources](#)
- [Message Guides](#)
- [Developer's Guide](#)

Downloads

- [Code System Representation \[PDF-420KB\]](#)
- [CSTE Technical Implementation Guide](#)
- [Vocabulary Review \[ZIP\]](#)

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)

PHIN VADS Hot Topics

[Expand All +](#) [Collapse All -](#)

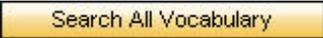
- Arboviral Case Notification +
- Zika virus disease associated Lab Vocabulary (ELR) +
- Zika vocabulary for EHR and Health IT vendors +
- Reportable Conditions Trigger Codes (RCTC) +
- RCMT +
- CDC Race Category and Ethnicity Group +

ALL VOCABULARY

All Vocabulary is a feature that allows you to search and browse all vocabulary objects.

SEARCHING ALL VOCABULARY

Use the following procedure to search the entire vocabulary for one or more specific vocabulary items.

1. Choose **All Vocabulary** on the **Search** page.
2. Enter search text into the text box, and click 

All vocabulary that meets the search criteria is displayed and grouped under tabs according to the object to which it belongs.

All Vocabulary | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



Value Set Concepts (320) | **Code System Concepts (337)**

220 Value Set Concepts found 

[Select All](#) | [Clear All](#) | [Download All](#) |  Download Selected

Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	Version #	
<input type="checkbox"/> 284739006	Acrasiae (organism)	Acrasiae	SNOMED-CT	Microorganism	7	 Details
<input type="checkbox"/> 256515009	Acrylic dental material - injection mold (substance)	Acrylic dental material - injection mold (substance)	SNOMED-CT	Material	5	 Details
<input type="checkbox"/> 256515009	Acrylic dental material - injection mold (substance)	Acrylic dental material - injection mold	SNOMED-CT	Material exposure type	2	 Details
<input type="checkbox"/> 228759008	Adhesive felt mold (physical object)	Adhesive felt mold (physical object)	SNOMED-CT	Physical Object	5	 Details
<input type="checkbox"/> 000268-0404-01	ALLERGENIC EXTRACT MIX HOUSE DUST MOLD INJECTION [1 ML, VIAL]	ALLERGENIC EXTRACT MIX HOUSE DUST MOLD INJECTION	NDC-FDA Drug Registration and Listing System	Drug Product (NDC)	1	 Details

ACCESSING ALL VOCABULARY INFORMATION

1. After Searching All Vocabulary, select the tab of the Category you wish to explore.

The screenshot shows the 'All Vocabulary' search interface. At the top, there are navigation links: [All Vocabulary](#), [Views \(Msg. Guides\)](#), [Value Sets](#), [Value Set Concepts](#), [Code Systems](#), [Code System Concepts](#), and [Groups](#). Below these is a search bar with a magnifying glass icon, containing the text 'mold' and a 'Search All Vocabulary' button. Underneath the search bar, there are two tabs: 'Value Set Concepts (320)' and 'Code System Concepts (337)'. Below the tabs, it says '229 Code System Concepts found' followed by a pagination control showing page 1 of 6. The main content is a table with the following data:

Concept Code	Concept Name	Preferred Concept Name	Code System	
284739006	Acrasiae (organism)	Acrasiae (organism)	SNOMED-CT	Details
256515009	Acrylic dental material - injection mold (substance)	Acrylic dental material - injection mold (substance)	SNOMED-CT	Details
228759008	Adhesive felt mold (physical object)	Adhesive felt mold (physical object)	SNOMED-CT	Details
000268-0404-01	ALLERGENIC EXTRACT MIX HOUSE DUST MOLD INJECTION [1 ML, VIAL]	ALLERGENIC EXTRACT MIX HOUSE DUST MOLD INJECTION	NDC-FDA Drug Registration and Listing System	Details

VIEWS

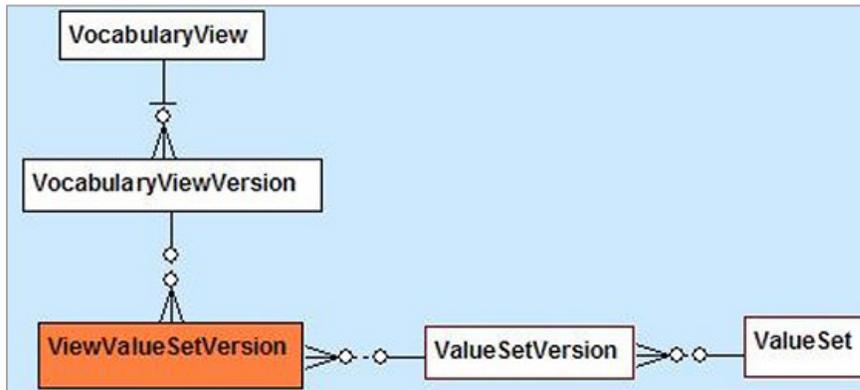
A view is a collection of value sets.

Examples:

- (a) Tuberculosis Message Mapping Guide Vocabulary View
- (b) Healthcare Associated Infection Clinical Document Architecture (CDA) Implementation Guide Vocabulary View

A view is also the **Implementation Guide vocabulary**, which includes the value sets associated with a **Message Mapping** or **CDA Implementation Guide**.

The following is a graphical depiction of the PHIN VADS Views model



SEARCHING VIEWS

PERFORM A BASIC SEARCH FROM THE SEARCH PAGE

Use the following procedure to perform a basic search for a view from the **Search** page.

1. Choose **Views (Msg. Guides)** on the **Search** page.
2. Enter search text into the text box and click 

All views that meet the search criteria are displayed.

NOTE: IF YOUR SEARCH RESULTS DO NOT INCLUDE THE VIEW YOU ARE SEEKING, USE THE [BROWSE ALL VIEWS](#) FUNCTION.

[All Vocabulary](#) | **[Views \(Msg. Guides\)](#)** | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)

 [Search Views \(Msg. Guides\)](#)

[View Search Options](#) [Browse All Views](#)

2 Views found 

View Name		Version #	
<input type="checkbox"/>	H1N1 Flu Case Report Form	3	Details
<input type="checkbox"/>	PHLIP Flu Lab Report Vocabulary	17	Details

[Select All](#) | [Clear All](#) | [Download All](#)

 Download Selected

PERFORM AN ADVANCED SEARCH FROM THE SEARCH PAGE

Use the following procedure to perform an advanced search for a view from the **Search** page.

1. Choose Views (Msg. Guides) on the Search page.
2. Choose View Search Options.



The Advanced Search options are displayed.

3. Choose the **Search Type** (*Full Word, Contains, Ends with, or Begins with*).
4. Choose the **Search Version**. You can perform a search for previous versions by using the **Date Selector** in the **As Of** option.

NOTE: THE DEFAULT IS A SEARCH BY SEARCH TYPE FULL WORD AND SEARCH VERSION CURRENT.

5. Enter search text into the text box, and click 

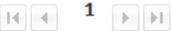


6. All views that meet the search criteria are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)

 [Search Views \(Msg. Guides\)](#)

[View Search Options](#) | [Reset](#) [Browse All Views](#)

6 Views found 

Select All Clear All	Download All	
 Download Selected		
View Name	Version #	
<input type="checkbox"/> Influenza Summary Case Notification	2	Details
<input type="checkbox"/> Influenza Individual Case Notification	2	Details
<input type="checkbox"/> Influenza Associated Pediatric Mortality Case Notification	2	Details
<input type="checkbox"/> H1N1 Flu Case Report Form	3	Details
<input type="checkbox"/> NHSN Patient Influenza Vaccination - Release 5	1	Details
<input type="checkbox"/> PHLIP Flu Lab Report Vocabulary	17	Details

DOWNLOADING VIEWS

Use the following procedure to download one or more views to your computer.

1. [Perform a search](#) for the view(s) you wish to download.
2. The remaining instructions vary slightly, depending on which page is currently displayed on your computer screen - the **Search** page (with a list of results) or the **View Information** page.

What do you want to do?

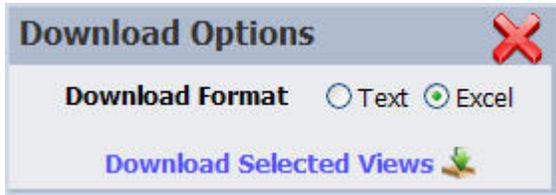
[Download from the Search page](#)

[Download from the View Information page](#)

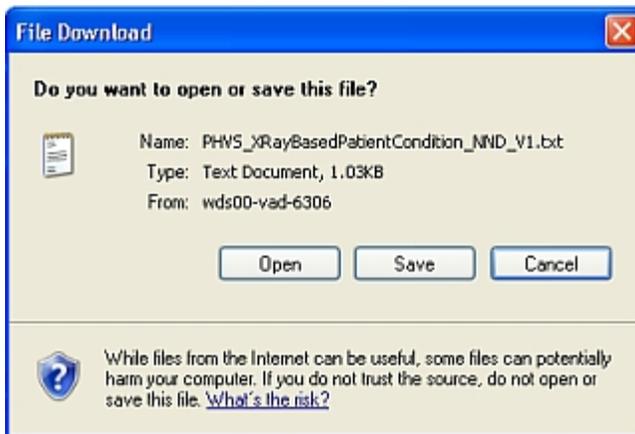
DOWNLOAD FROM THE SEARCH PAGE

If you performed a basic or advanced search to find the views, follow the remaining steps to download the views from the **Search** page.

3. On the **Search** page, select the check box next to each view you wish to download, and choose **Download Selected**. The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved (text or Excel).
5. Click **Download Selected Views**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file (s).



6. Choose **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name, and choose **Save**. The views are saved to the location you specified.

DOWNLOAD FROM THE VIEW INFORMATION PAGE

If you are viewing the details for a specific view or have accessed the view via the **Hot Topics** feature, follow the remaining steps to download the view from the **View Information** page.

1. From the **View Information** page for the 

View Information

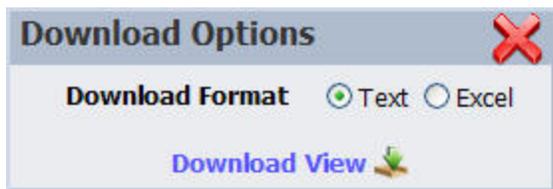
View Name	H1N1 Flu Case Report Form	Download View
View Description	Based on H1N1 Flu (Swine Flu) Case Report Form. Please visit http://www.cdc.gov/h1n1flu/ for the latest H1N1 Flu case report form.	
View Status	Published	
View Status Date	06/29/2009	
View Version	3	
View Version Status	Published	
View Version Status Date	03/16/2010	
View Version Description	LOINC Update January 2010	
View Notes	<div style="border: 1px solid #ccc; height: 20px; width: 100%;"></div>	

[Subscribe](#)

Version History

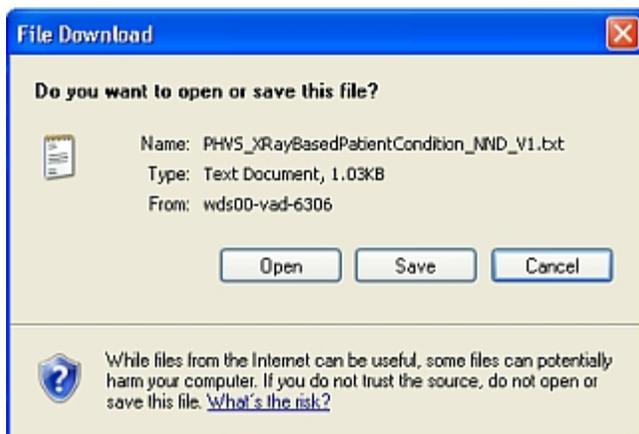
← Version 3 (Current) →

The **Download Options** window is displayed.



In the **Download Options** window, select the format in which you would like the information to be saved (text or Excel).

1. Click **Download View**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



2. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
3. Select your path and file name, and click **Save**. The view is saved to the location you specified.

BROWSING ALL VIEWS

Use the following procedure to browse all views.

1. Choose **Views (Msg. Guides)** on the Search page.
2. Choose **Browse All Views**.



The **Browse Results** show the number of views found and lists 15 items per page.

The screenshot shows the "Browse Results" page. At the top, there is a navigation bar with links: [All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#). Below the navigation bar is a search area with a magnifying glass icon, a search input field, and a button labeled "Search Views (Msg. Guides)". Below the search area are two buttons: "View Search Options" and "Browse All Views". Below the buttons is a summary: "97 Views found" followed by pagination controls (1, 2, 3, 4, 5, 6). Below the summary is a table with columns "View Name" and "Version #". The table has five rows of data. At the top of the table are buttons: "Select All", "Clear All", and "Download All". At the bottom of the table is a button: "Download Selected".

View Name	Version #	
<input type="checkbox"/> All Value Sets	7	Details
<input type="checkbox"/> Animal Rabies Case Notification	3	Details
<input type="checkbox"/> Arboviral Case Notification	17	Details
<input type="checkbox"/> Binational Infectious Disease Surveillance (BIDS) Enteric Case Notification	2	Details
<input type="checkbox"/> BioSense	6	Details

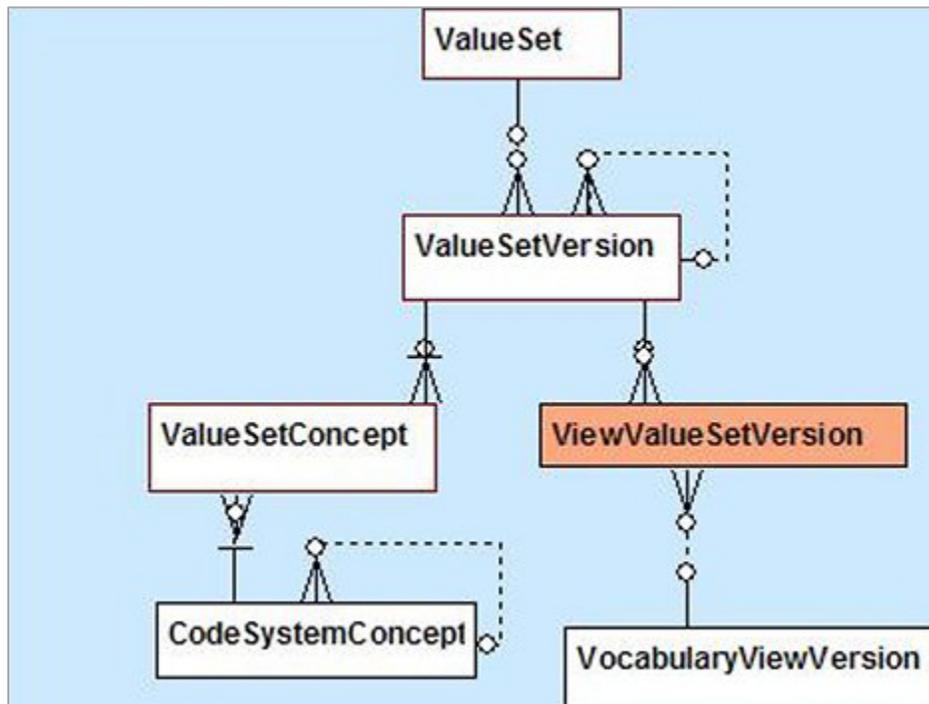
VALUE SETS

A *value set* is a collection of concepts from one or more code systems grouped together for a specific purpose (e.g., Body Site).

HL7 Version 3 Core Principles Definition:

A Value Set represents a uniquely identifiable set of valid concept representations, where any concept representation can be tested to determine whether or not it is a member of the value set.

The following is a graphical depiction of the **PHIN VADS** Value Set model.



HOW ARE VALUE SETS IDENTIFIED IN PHIN VADS?

An **Object Identifier** (OID) is used to identify a vocabulary object (e.g., a code system , a value set) that represents a group of concepts.

Standard Code System OIDs are derived from the **HL7 OID** registry. **CDC** also maintains an **OID** registry, which assigns **OIDs** to code systems and value sets that are developed locally at **CDC**. All **Code Systems** and **Value Sets** in **PHIN VADS** have a unique **OID** and Code that are searchable in **PHIN VADS**.

For example: PHVS_InfectiousAgent_CDC is a value set that contains Microorganism concepts derived from SNOMED-CT code system.

The following are identifiers used in PHIN VADS (with PHVS_InfectiousAgent_CDC examples)

- **Value Set Name:** Infectious Agent (Microorganism)

- **Value Set Code:** PHVS_InfectiousAgent_CDC (Referenced in Messaging Specifications / Guide)
- **Value Set OID:** 2.16.840.1.114222.4.11.908
- **Code System Name:** SNOMED-CT
- **Code System Code:** PH_SNOMED-CT
- **Code System OID:** 2.16.840.1.113883.6.96

BROWSING ALL VALUE SETS

Use the following procedure to browse all value sets.

1. Choose **Value Sets** at the top of the Search page.
2. Choose **Browse All Value Sets**.



The **Browse Results** show the number of value sets found and displays them at 15 items per page.

The screenshot shows the browse results page. At the top, there is a navigation bar with links: [All Vocabulary](#), [Views \(Msg. Guides\)](#), [Value Sets](#), [Value Set Concepts](#), [Code Systems](#), [Code System Concepts](#), and [Groups](#). Below the navigation bar is a search area with a magnifying glass icon, a search input field, and a yellow button labeled "Search Value Sets". Below the search input field are two links: "View Search Options" and "Browse All Value Sets". Below the search area, it says "1549 Value Sets found" followed by a pagination control showing "1 2 3 4 5 6" and navigation arrows. Below the pagination control is a table with the following columns: "Value Set Code", "Value Set Name", "Version #", "Effective Date", and "Value Set OID". The table has two rows of data. Each row has a checkbox in the first column and a "Details" link in the last column.

Value Set Code	Value Set Name	Version #	Effective Date	Value Set OID
<input type="checkbox"/> PHVS_BirthAttendees_NETSS	Birth Attendees (NETSS)	1		2.16.840.1.114222.4.11.3414
<input type="checkbox"/> PHVS_HeightUnit_CDC	Height Unit (CDC)	1	08/24/2016	2.16.840.1.114222.4.11.7536

SEARCHING FOR VALUE SETS

PHIN VADS offers several ways to search for a value set.

PERFORM A BASIC SEARCH FROM THE SEARCH PAGE

Use the following procedure to perform a basic search for a value set from the **Search** page.

1. Choose **Value Sets** at the top of the **Search** page.

Enter search text into the text box, and click

A yellow button with the text "Search Value Sets" in black.

All value sets that meet the search criteria are displayed.

Value Set Code	Value Set Name	Version #	Effective Date	Value Set OID	
<input type="checkbox"/> PHVS_BirthAttendees_NETSS	Birth Attendees (NETSS)	1		2.16.840.1.114222.4.11.3414	Details
<input type="checkbox"/> PHVS_HeightUnit_CDC	Height Unit (CDC)	1	08/24/2016	2.16.840.1.114222.4.11.7536	Details

NOTE: If your search results do not include the value set for which you are searching, use the [Browse All Value Sets procedure](#) to see all value sets.

PERFORM AN ADVANCED SEARCH FROM THE SEARCH PAGE

Use the following procedure to perform an advanced search for a value set from the **Search** page.

1. Choose **Value Sets** on the **Search** page.
2. Choose **View Search Options**.



- The **Advanced Search** options are displayed.

All Vocabulary | Views (Msg. Guides) | **Value Sets** | Value Set Concepts | Code Systems | Code System Concepts | Groups

Search Value Sets

Hide Search Options

Filter by PHIN Vocabulary View

Filter by PHIN Vocabulary Groups

Search Type:

Full word

Search Versions

Current

All

As Of: [Date Selector]

Search Within Fields:

Value Set Code

Value Set Name

Value Set OID

Description

- Choose from the check boxes that allow you to filter your search by **PHIN Vocabulary View** and **PHIN Vocabulary Groups**.
- Choose the **Search Type** from the drop-down menu (*Full Word, Contains, Begins with, or Ends with*).
- Choose the **Version: Current** (default), **All**, or **As of** (enter or select a date) radio button.
- Choose the **Search Within Fields** check boxes as appropriate (**Value Set Code, Value Set Name, Value Set OID, and/or Definition**).

NOTE: THE DEFAULT SEARCH IS BY VALUE SET CODE AND VALUE SET NAME.

- Enter the search text into the text box and click

Search Value Sets

All value sets that meet the search criteria are displayed.

ACCESSING VALUE SET INFORMATION

After your search is complete and you have found the value set for which you were searching, use the following procedure to access information associated with that value set.

- If the **Search** page is displayed, click  **Details** for the value set for which you wish to see information.

The **Value Set Information** text box showing the metadata for the selected value set is displayed.

Value Set Information		Version History
Value Set Code	PHVS_AbnormalChestXRayingFinding_TB	 Download Value Set
Value Set Name	Abnormal Chest X-Ray Finding (TB)	◀ Version 1 ▶ (Current)
Value Set OID	2.16.840.1.114222.4.11.957	
Value Set Description	Indicates whether any of the x-rays done at any time during this episode of tuberculosis showed a cavity or cavities, was noncavitary consistent with tuberculosis, or was noncavitary inconsistent with tuberculosis.	 Subscribe

[Value Set Concepts](#) | [Value Set Details](#)

2. Click the **Value Set Details** link on the Value Set Information page to see the version history.

The **Value Set Version Details** are displayed.

[Value Set Concepts](#) | **Value Set Details**

Value Set Version	1				
Version Description	Initial Load VADS 3.0				
Version Effective Date	03/30/2007				
Version Expiration Date					
Version Status	Published				
PHIN Vocabulary Groups	Disease / Clinical History / Observation (Finding)				
PHIN Vocabulary Views	<table border="1"><thead><tr><th>View Name</th><th>Version(s)</th></tr></thead><tbody><tr><td>All Value Sets</td><td>7, 6, 5, 4, 3, 2, 1</td></tr></tbody></table>	View Name	Version(s)	All Value Sets	7 , 6 , 5 , 4 , 3 , 2 , 1
View Name	Version(s)				
All Value Sets	7 , 6 , 5 , 4 , 3 , 2 , 1				

3. To see the details of a specific group, click the **PHIN Vocabulary Groups** link in the **Value Set information page**.

Details of that **Group** that contains that particular **Value Set** are displayed.

Group Information	
Group Name	Disease / Clinical History / Observation (Finding) Download Group 
Group Description	Disease/Clinical History / Observation (Finding) - PHIN Vocabulary group would include the value sets associated with Disease, Clinical History, Clinical Observations, Symptoms, Signs, Administrative diagnosis, etc.
Group Status	Published
Group Status Date	08/16/2010
Group Notes	

- To see the details of a specific view, click the **PHIN Vocabulary Views** link in the **Value Set information page**

Details of the **View** containing that particular **Value Set** are displayed.

View Information

View Name	All Value Sets	Download View
View Description	All the value sets in PHIN VADS.	
View Status	Published	
View Status Date	05/16/2011	
View Version	1	
View Version Status	Published	
View Version Status Date	11/10/2008	
View Version Description	Initial Load of View All Value Sets	
View Notes	This view could be used by applications or value set	Subscribe

Version History

◀ Version 1 (Not Current) ▶

- To see the details of the concepts for a specific value set, click the **Value Set Concepts** link in the **Value Set information page**

Details of the **Concepts** for that particular **Value Set** are displayed.

Value Set Information

Value Set Code	PHVS_PHLIP_Questions_Flu	Download Value Set
Value Set Name	PHLIP Questions (Flu)	
Value Set OID	2.16.840.1.114222.4.11.3000	
Value Set Description	List of questions used in the PHLIP Flu Message Specification Guide	Subscribe

Version History

◀ Version 4 (Current) ▶

[Value Set Concepts](#) | [Value Set Details](#)

18 Value Set Concepts found ◀◀ 1 2 ▶▶

	Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set
<input type="checkbox"/>	21612-7	Age Patient Reported	Reported Patient Age	LOINC	PHLIP Questions Details

- Click **Details**

The **Value Set Concept information page** for that concept is displayed.

Value Set and Code System Information

Code System Name [LOINC](#)

Value Set Code [PHVS_PHLIP_Questions_Flu](#)

Value Set Name [PHLIP_Questions \(Flu\)](#)

Value Set Version 4

Value Set Concept Details

Concept Code 21612-7

Preferred Concept Name Reported Patient Age

Value Set Concept Status Published

Value Set Concept Status Date 09/24/2014

Value Set Concept Description Reported Patient Age

Sequence

Code System Concept Details

Code System Concept Name [Age - Reported](#)

Code System Concept Status Published

Code System Preferred Concept Name Age - Reported

Date Created

Date Revised 06/23/2017

Associated Value Sets

Value Set Name	Version(s)
BioSense Observations	1
Lab Test Result Name	4 , 3 , 2 , 1
Observation Identifier (Syndromic Surveillance)	5 , 4 , 3 , 2 , 1
PHLIP Questions (Flu)	4 , 3 , 2 , 1
VPD Lab Test Identifiers	3 , 2 , 1

7. Click the **Code System Name** hyperlink to view all of the code system metadata.

Code System Information

Code System Name SNOMED-CT

Code System OID 2.16.840.1.113883.6.96

Code System Code PH_SNOMED-CT

[Code System Details](#) | [Code System Concepts](#)

8. Click the **Code System Details** link to view the code system details.

Code System Information

Code System OID 2.16.840.1.113883.6.1
Code System Name LOINC
Code System Code PH_LOINC

[Code System Concepts](#) | **Code System Details**

HL7 Table 0396 Code LN
Code System Description The purpose of the LOINC database is to facilitate the exchange and pooling of results, such as blood hemoglobin, serum potassium, or vital signs, for clinical care, outcomes management and research.
Code System Status Code Published
Code System Status Date 07/19/2017
Code System Version 2.61
Version Description LOINC 2.61
Acquired Date 06/23/2017
Effective Date 06/23/2017
Expiry Date
Authority Name Regenstrief Institute
Assigning Authority Version Name LOINC 2.61
Assigning Authority Release Date 06/23/2017
Distribution Source Name LOINC 2.61
Distribution Source Release Date 06/23/2017
SDO Code System Create Date 04/24/1995
SDO Code System Revision Date 06/23/2017
Code System URL <http://www.regenstrief.org/medinformatics/loinc/downloads>

Code System Property Reference Table

Property ID	Property Name	Property Description	Required	Value Data Type	Value Max Length
1	LOINC_Class	LOINC Class	false	String	40
2	LOINC_Short_Name	LOINC Short Name	false	String	80
3	LOINC_Long_Common_Name	LOINC Long Common Name	false	String	255

DOWNLOADING A VALUE SET

Use the following procedure to download one or more value sets.

1. [Perform a search](#) for the value set(s) you wish to download.
2. The remaining instructions vary slightly, depending on which page is currently displayed.

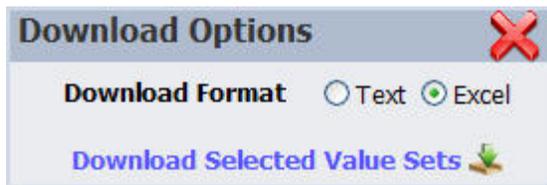
[Download from the Search page](#)

[Download from the Value Set Information page](#)

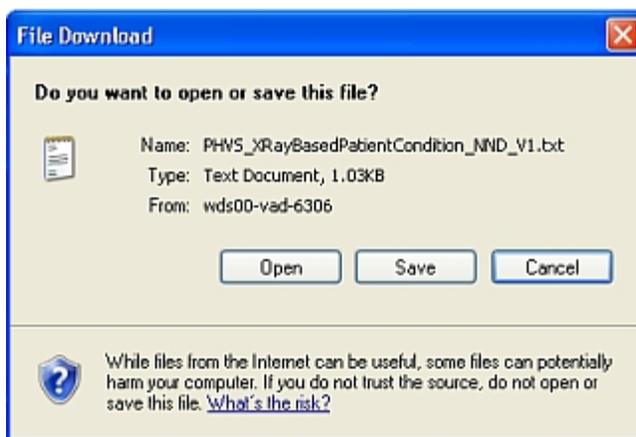
DOWNLOAD FROM THE SEARCH PAGE

If you performed a basic or advanced search to find a value set, follow the remaining steps to download the value sets from the **Search** page.

3. On the **Search** page, click the check box next to each value set you wish to download, and click the **Download Selected** button. The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved (text or Excel).
5. Click **Download Selected Value Sets**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



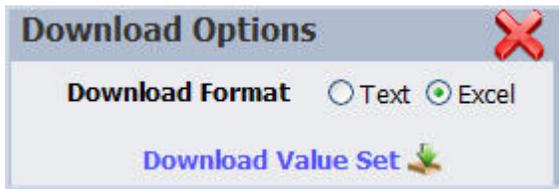
6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name then click **Save**. The value sets are saved to the location you specified.

DOWNLOAD FROM THE VALUE SET INFORMATION PAGE

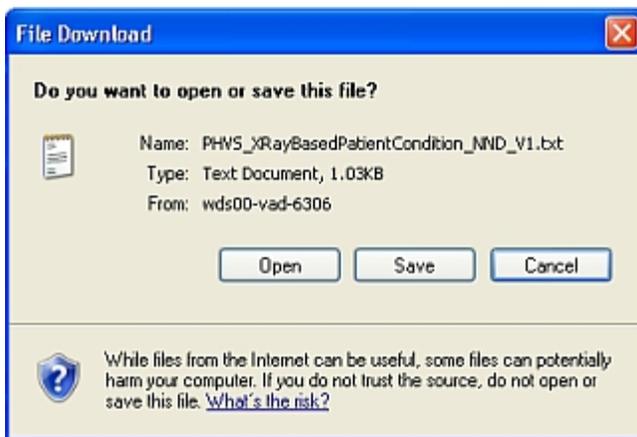
If you are viewing the details for a specific value set, follow the remaining steps to download the value set from the **Value Set Information** page.

1. From the **Value Set Information** page click [Download Value Set](#) 

The **Download Options** window is displayed.



2. In the **Download Options** window, select the format in which you would like the information to be saved.
3. Click **Download Value Set**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s)



4. Click **Save**. The **Save As** dialog box is displayed allowing you to browse to the location where you wish to save the file.
5. Choose your path and file name and click **Save**. The value set is saved to the location you specified.

DOWNLOADING ALL VALUE SETS

Use the following procedure to download all value sets.

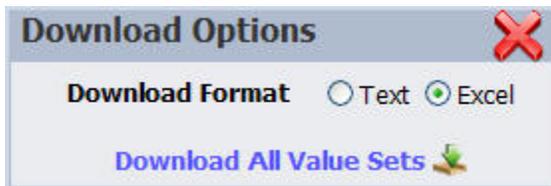
1. Click **Value Sets** on the **Search** page.
2. Click **Browse All Value Sets**.



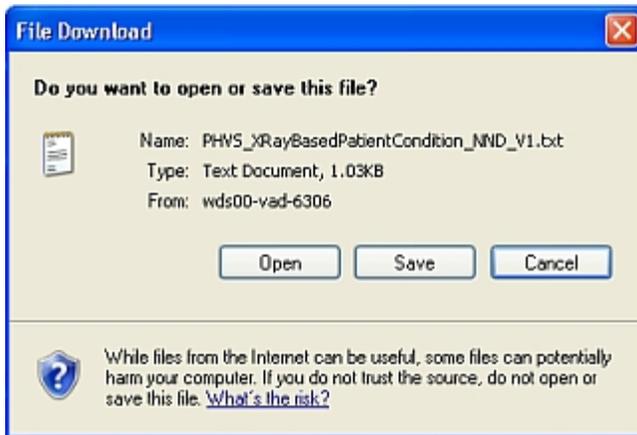
The browse results show the number of value sets found and lists 15 items per page.



3. Select **Download All**; The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved.
5. Click **Download All Value Sets**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location where you wish to save the file.
7. Choose your path and file name then click **Save**. The value sets are saved to the location you specified.

WHAT IS VALUE SET VERSIONING?

Versioning is implemented at the Views (Msg. Guides) and Value Set levels. For results with multiple versions, the interface displays the most current version by default on the **Value Set** or **Vocabulary View Object Detail page**.

Version history provides the different version numbers available for value sets or views.



VALUE SET CONCEPTS

A *value set concept* is the code and name for a concept as used in a value set (e.g. Arm, Leg).

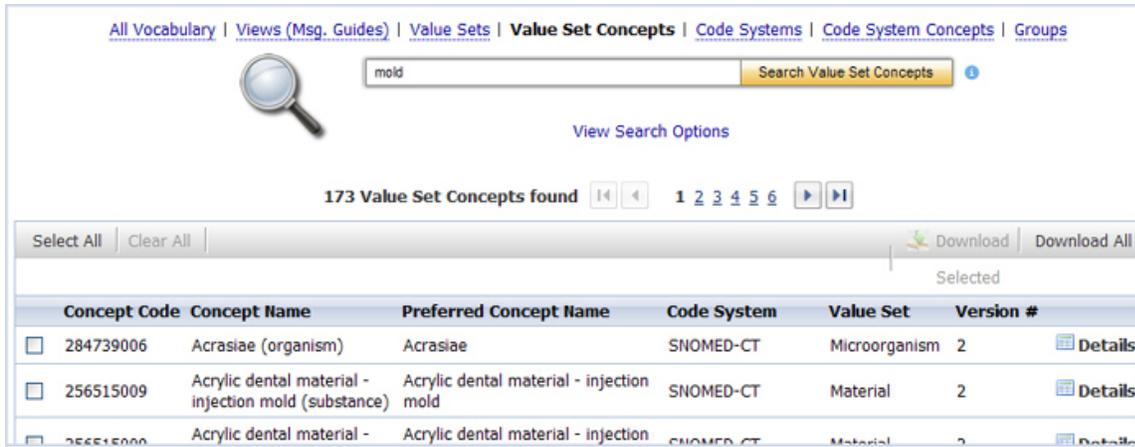
SEARCHING FOR VALUE SET CONCEPTS

VALUE SET CONCEPTS – BASIC SEARCH

Use the following procedure to search for a value set concept.

1. Click **Value Set Concepts** on the Search page.
2. Enter search text into the text box, and click 

All value set concepts that meet the search criteria are displayed.



173 Value Set Concepts found

Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	Version #	
<input type="checkbox"/> 284739006	Acrasiae (organism)	Acrasiae	SNOMED-CT	Microorganism	2	Details
<input type="checkbox"/> 256515009	Acrylic dental material - injection mold (substance)	Acrylic dental material - injection mold	SNOMED-CT	Material	2	Details
<input type="checkbox"/> 256515000	Acrylic dental material -	Acrylic dental material - injection	SNOMED-CT	Material	2	Details

VALUE SET CONCEPTS – ADVANCED SEARCH

To further refine your search, use the following procedure.

1. Click **Value Set Concepts** on the Search page.
2. Click **View Search Options**.



[View Search Options](#)

3. The **Advanced Search** options are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | **Value Set Concepts** | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)

 ⓘ

[Hide Search Options](#)

Filter by PHIN Vocabulary View

Filter by PHIN Vocabulary Groups

Filter by Value Sets

Filter by Code Systems

Search Type:
 ▼

Search Versions

Current

All

As Of: ▼

Search Within Fields:

Concept Code

Concept Name

Preferred Name

Alternate Designation

4. Select the check boxes to filter your search (**PHIN Vocabulary View**, **PHIN Vocabulary Group**, **Value Sets**, and **Code Systems**).

All Vocabulary | Views (Msg. Guides) | Value Sets | **Value Set Concepts** | Code Systems | Code System Concepts | Groups

[Hide Search Options](#)

Filter by PHIN Vocabulary View

Available Views

- All Value Sets
- Animal Rabies Case Notification
- Arboviral Case Notification
- BioSense
- Commonly Downloaded Value Se

Select
↓

Remove
↑

Selected Views

Filter by PHIN Vocabulary Groups

Available Groups

- Anatomy (Body Site)
- Clinical Encounter (ADT)
- Demographics
- Disease / Clinical History / Observ
- Financial/Billing/Insurance

Select
↓

Remove
↑

Selected Groups

Filter by Value Sets

Available Value Sets

- Abnormal Chest X-ray Condition
- Abnormal Chest X-Ray Finding (T
- Abnormal Flag (HL7)
- Acknowledgment Code (HL7)
- Acute Convalescent IgG Differenc

Select
↓

Remove
↑

Selected Value Sets

Filter by Code Systems

Search Type: Full word

Search Versions:

Current

All

As Of:

Search Within Fields:

Concept Code

Concept Name

Preferred Name

Alternate Designation

5. Choose the **Search Type** (*Full Word, Contains, Begins with, or Ends with*).
6. Choose the **Version: Current** (default), **All**, or **As of** (choose a date).
7. Choose, as appropriate, the **Search Within Fields** check boxes (**Concept Code, Concept Name, Preferred Name, and/or Alternate Designation.**)

NOTE: THE DEFAULT SEARCH TYPE IS "FULL WORD" WITHIN CONCEPT CODE AND CONCEPT NAME.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | **Value Set Concepts** | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



Hide Search Options

Filter by PHIN Vocabulary View

Available Views

- All Value Sets
- Animal Rabies Case Notification
- Arboviral Case Notification
- BioSense
- Commonly Downloaded Value Se

Select
↓

Remove
↑

Selected Views

Filter by PHIN Vocabulary Groups

Available Groups

- Anatomy (Body Site)
- Clinical Encounter (ADT)
- Demographics
- Disease / Clinical History / Observ
- Financial/Billing/Insurance

Select
↓

Remove
↑

Selected Groups

Filter by Value Sets

Search Type:

Full word

Search Versions:

Current

All

As Of:

Search Within Fields:

Concept Code

Concept Name

Preferred Name

Alternate Designation

7. Enter search text into the text box, and click

All value set concepts that meet the search criteria are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | **Value Set Concepts** | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



View Search Options | Reset

173 Value Set Concepts found

Select All | Clear All | Download | Download All

Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	Version #	
<input type="checkbox"/> 284739006	Acrasiae (organism)	Acrasiae	SNOMED-CT	Microorganism	2	Details
<input type="checkbox"/> 256515009	Acrylic dental material - injection mold (substance)	Acrylic dental material - injection mold	SNOMED-CT	Material	2	Details
<input type="checkbox"/> 256515008	Acrylic dental material - injection mold (substance)	Acrylic dental material - injection mold	SNOMED-CT	Material	2	Details

ACCESSING VALUE SET CONCEPT INFORMATION

Use the following procedure to access information associated with a value set concept.

1. Click [Details](#) for the value set concept for which you wish to see information.

The **Value Set Concept information page** is displayed.

Value Set and Code System Information

Code System Name	SNOMED-CT
Value Set Code	PHVS_Event_CDC
Value Set Name	Event
Value Set Version	2

Value Set Concept Details

Concept Code	217979005
Preferred Concept Name	Accident caused by molding machine
Value Set Concept Status	Published
Value Set Concept Status Date	03/03/2009
Value Set Concept Description	

Code System Concept Details

Code System Concept Name	Accident caused by molding machine (event)
Code System Concept Status	Published
Code System Preferred Concept Name	Accident caused by molding machine
Date Created	01/29/2002
Date Revised	01/31/2006

Associated Value Sets

Value Set Name	Version(s)
Event	2, 1

2. Click the **Code System Name** hyperlink to view all of the code system metadata , including OID, and HL7 Table 0396 code.
3. Click the **Code System Concept Name** hyperlink to view all of the concept metadata, including extended properties and relationships.

DOWNLOADING VALUE SET CONCEPTS

Use the following procedure to download a value set concepts to your computer.

1. [Perform a search](#) for the value set concepts you wish to download.

All value set concepts that meet the search criteria are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | **Value Set Concepts** | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



View Search Options

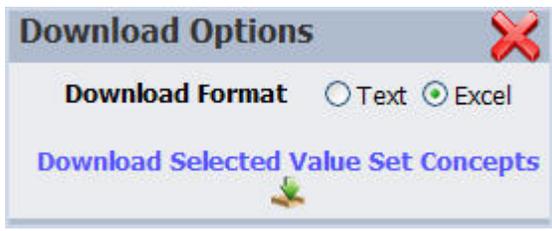
46 Value Set Concepts found 

Select All | Clear All |  Download |  Download All

Selected

Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	Version #	
<input type="checkbox"/> 10350	Anthrax	Anthrax	Notifiable Event (Disease/Condition) Code List	Nationally Notifiable Disease Surveillance System (NNDSS) & Other Conditions of Public Health Importance	1	 Details
<input type="checkbox"/> 10350	Anthrax	Anthrax	Notifiable Event (Disease/Condition) Code List	Nationally Notifiable Infectious Disease reportable to the Nationally Notifiable Disease Surveillance System	1	 Details
<input type="checkbox"/> 400409004	Anthrax (disorder)	Anthrax	SNOMED-CT	Disease	2	 Details

2. Select the check box next to each value set concept you wish to download, and choose **Download Selected**. The **Download Options** window is displayed.



3. In the **Download Options** window, select the format in which you would like the information to be saved (text or Excel).
4. Click **Download Selected Value Set Concepts**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



- Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
- Choose your path and file name and click **Save**. The value set concepts are saved to the location you specified.

DOWNLOADING ALL VALUE SET CONCEPTS

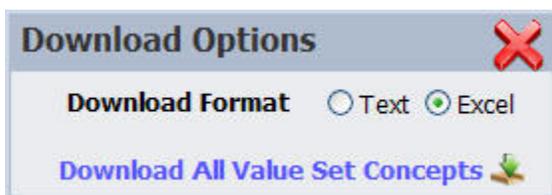
Use the following procedure to download all value set concepts.

- [Perform a search](#) for the value set concepts you wish to download.

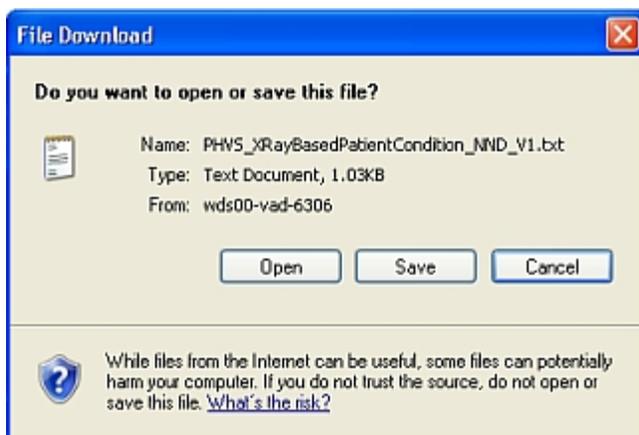
All value set concepts that meet the search criteria are displayed.

Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	Version #	
<input type="checkbox"/> 10350	Anthrax	Anthrax	Notifiable Event (Disease/Condition) Code List	Nationally Notifiable Disease Surveillance System (NNDSS) & Other Conditions of Public Health Importance	1	Details
<input type="checkbox"/> 10350	Anthrax	Anthrax	Notifiable Event (Disease/Condition) Code List	Nationally Notifiable Infectious Disease reportable to the Nationally Notifiable Disease Surveillance System	1	Details
<input type="checkbox"/> 400409004	Anthrax (disorder)	Anthrax	SNOMED-CT	Disease	2	Details

- Select **Download All**; the **Download Options** window is displayed.



- In the **Download Options** window, select the format in which you would like the information to be saved (text or Excel).
- Click **Download All Value Set Concepts**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file (s).



5. Choose **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
6. Choose your path and file name and click **Save**. The value set concepts are saved to the location you specified.

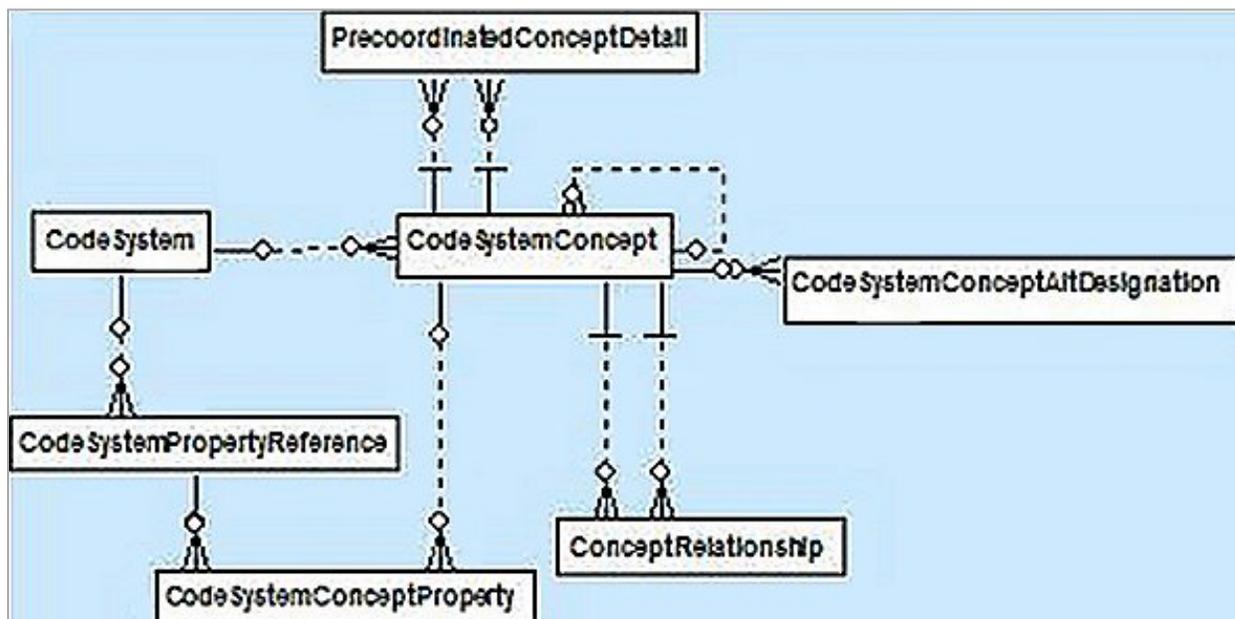
CODE SYSTEMS

A *code system* is a collection of concepts from a vocabulary standard (e.g. HL7, ICD-9).

HL7 Version 3 Core Principles Definition:

A *code system* is a managed collection of concept identifiers, usually codes, but sometimes more complex sets of rules and references. They are often described as collections of uniquely identifiable concepts with associated representations, designations, associations, and meanings. Examples of code systems include **ICD-9 CM**, **SNOMED CT**, **LOINC**, and **CPT**. To meet the requirements of a code system as defined by **HL7**, a given concept representation must resolve to one and only one meaning within the code system. In the terminology model, a code system is represented by the **Code System** class. Code systems are often referred to as terminologies, vocabularies, or coding schemes.

The following is a graphical depiction of the **PHIN VADS Code System model**.



HOW ARE CODE SYSTEMS IDENTIFIED IN PHIN VADS?

An **Object Identifier (OID)** is used to identify a code system that represents a grouping of concepts.

Standard Code System OIDs are derived from the **HL7 OID** registry. **CDC** also maintains an **OID** registry, which assigns **OIDs** to code systems that are developed locally at **CDC**. All Code Systems in **PHIN VADS** have a unique **OID** and Code that are searchable in **PHIN VADS**.

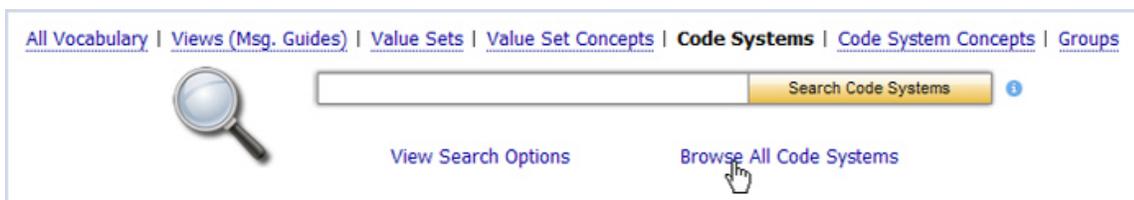
The following are the Code System identifiers used in **PHIN VADS**:

- **Code System Name:** SNOMED-CT
- **Code System Code:** PH_SNOMED-CT
- **Code System OID:** 2.16.840.1.113883.6.96
- **Code System HL7 Table 0396 Value:** SCT

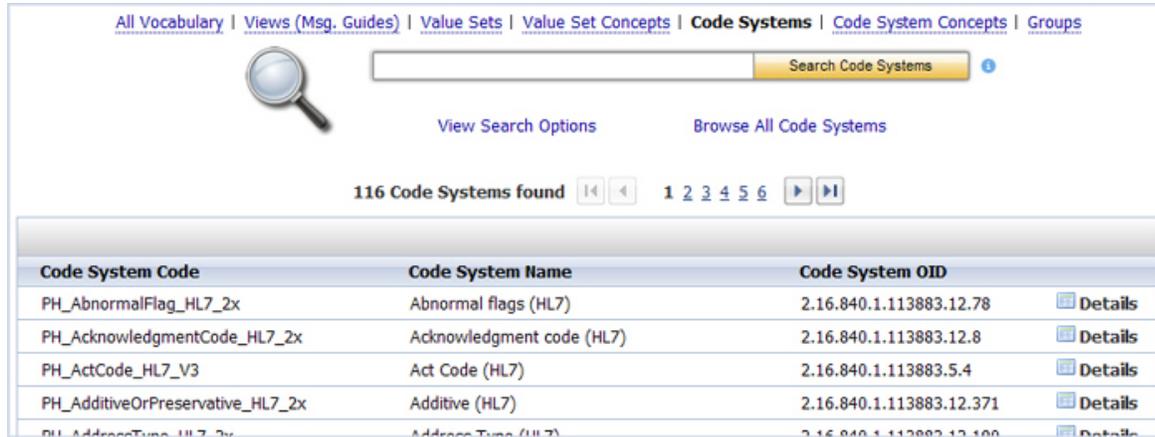
BROWSING ALL CODE SYSTEMS

Use the following procedure to browse all code systems.

1. Click **Code Systems** on the Search page.
2. Click **Browse All Code Systems**.



The **Browse Results** show the number of code systems found and lists 15 items per page.



Code System Code	Code System Name	Code System OID	
PH_AbnormalFlag_HL7_2x	Abnormal flags (HL7)	2.16.840.1.113883.12.78	Details
PH_AcknowledgmentCode_HL7_2x	Acknowledgment code (HL7)	2.16.840.1.113883.12.8	Details
PH_ActCode_HL7_V3	Act Code (HL7)	2.16.840.1.113883.5.4	Details
PH_AdditiveOrPreservative_HL7_2x	Additive (HL7)	2.16.840.1.113883.12.371	Details
PH_AddressType_HL7_2x	Address Type (HL7)	2.16.840.1.113883.12.100	Details

SEARCHING FOR CODE SYSTEMS

Use the following procedure to search for Code Systems

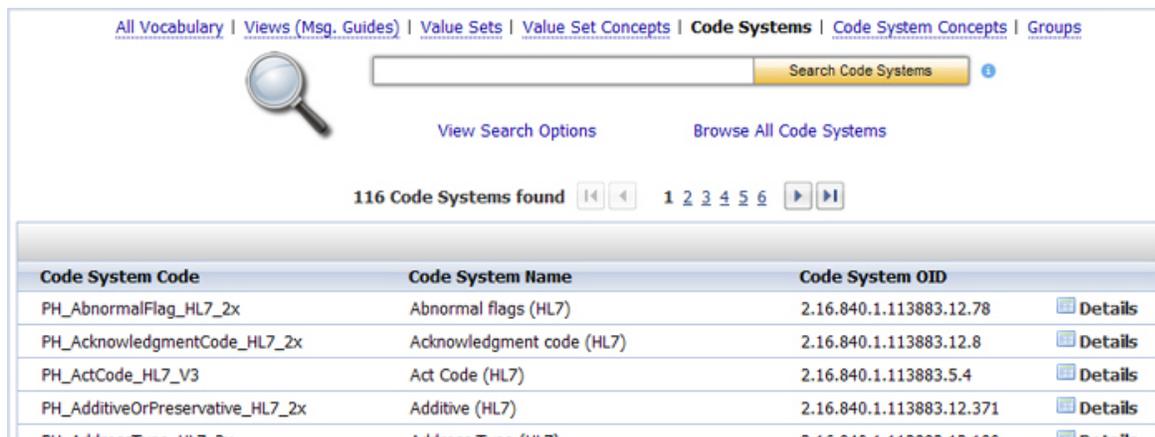
CODE SYSTEMS – BASIC SEARCH

Use the following procedure to search for a code system.

1. Click **Code Systems** on the Search page.

2. Enter search text into the text box, and click 

All value sets that meet the search criteria are displayed.



Code System Code	Code System Name	Code System OID	
PH_AbnormalFlag_HL7_2x	Abnormal flags (HL7)	2.16.840.1.113883.12.78	Details
PH_AcknowledgmentCode_HL7_2x	Acknowledgment code (HL7)	2.16.840.1.113883.12.8	Details
PH_ActCode_HL7_V3	Act Code (HL7)	2.16.840.1.113883.5.4	Details
PH_AdditiveOrPreservative_HL7_2x	Additive (HL7)	2.16.840.1.113883.12.371	Details
PH_AddressType_HL7_2x	Address Type (HL7)	2.16.840.1.113883.12.100	Details

NOTE: IF YOUR SEARCH RESULTS DO NOT INCLUDE THE CODE SYSTEM FOR WHICH YOU ARE SEARCHING, USE THE [BROWSE ALL CODE SYSTEMS PROCEDURE](#) TO SEE ALL CODE SYSTEMS.

CODE SYSTEMS – ADVANCED SEARCH

To further refine your search, use the following procedure.

1. Click **Code Systems** on the Search page.
2. Click **View Search Options**.



3. The **Advanced Search** options are displayed.



4. Choose the **Search Type** (*Full Word, Contains, Ends with, or Begins with*).
5. Choose, as appropriate, the **Search Within Fields** check boxes (**Code System Code, Code System Name, OID, Definition, Assigning Authority, HL7 Table 0396**).

NOTE: THE DEFAULT IS A SEARCH BY CODE SYSTEM CODE AND CODE SYSTEM NAME.

6. Select the boxes you wish to use as search parameters.
7. Enter search text into the text box, and click



All code systems that meet the search criteria are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | **Code Systems** | [Code System Concepts](#) | [Groups](#)



[View Search Options](#) [Browse All Code Systems](#)

116 Code Systems found 

Code System Code	Code System Name	Code System OID	
PH_AbnormalFlag_HL7_2x	Abnormal flags (HL7)	2.16.840.1.113883.12.78	Details
PH_AcknowledgmentCode_HL7_2x	Acknowledgment code (HL7)	2.16.840.1.113883.12.8	Details
PH_ActCode_HL7_V3	Act Code (HL7)	2.16.840.1.113883.5.4	Details
PH_AdditiveOrPreservative_HL7_2x	Additive (HL7)	2.16.840.1.113883.12.371	Details
PH_AddressType_HL7_2x	Address Type (HL7)	2.16.840.1.113883.12.100	Details

ACCESSING CODE SYSTEM INFORMATION

After your search is complete, and you have found the code system for which you were searching, use the following procedure to access information associated with that code system.

1. Choose  **Details** for the code system for which you wish to see information.

The **Code System Information page** for the code system is displayed, showing the metadata for the specified code system

Code System Information

Code System Name	Yes/No Indicator (HL7)
Code System Oid	2.16.840.1.113883.12.136
Code System Code	PH_YesNo_HL7_2x

[Code System Details](#) | [Code System Concepts](#)

Code System Name	Yes/No Indicator (HL7)
Code System Oid	2.16.840.1.113883.12.136
HL7 0396 Identifier	HL70136
Code System Code	PH_YesNo_HL7_2x
Code System Definition Text	HL7 Table 0136 - Yes/No Indicator
Code System Status Code	Published
Code System Status Date	09/26/2008
Version Description	
Acquired Date	05/31/2007
Effective Date	
Expiry Date	
Authority Name	Health Level 7
Assigning Authority Version Name	
Assigning Authority Release Date	
Distribution Source Name	
Distribution Source Release Date	
SDO Code System Create Date	06/23/2003
SDO Code System Revision Date	03/30/2007
Code System URL	https://www.hl7.org/library/standards_non1.htm#HL7 Version 2.5

Code System Property Reference Table

No extended properties.

2. Choose **Code System Concepts** to view the concepts associated with the code system.

Code System Information

Code System Name Yes/No Indicator (HL7)
 Code System OID 2.16.840.1.113883.12.136
 Code System Code PH_YesNo_HL7_2x

Code System Details | **Code System Concepts**

2 Code System Concepts found 14 1

Concept Code	Concept Name	Preferred Concept Name	Code System	
N	No	No	Yes/No Indicator (HL7)	Details
Y	Yes	Yes	Yes/No Indicator (HL7)	Details

- Choose **Details** for a concept code to view code system information.

The **Code System Concept Details page** is displayed.

Code System Information

Code System Name Administrative sex (HL7)
 Code System Code PH_AdministrativeSex_HL7_2x
 Code System OID 2.16.840.1.113883.12.1
 Table 396 HL70001

Code System Concept Details

Code System Concept Code A
 Code System Concept Name Ambiguous
 Code System Preferred Concept Name Ambiguous
 Code System Concept Status Published
 Date Created 06/23/2003
 Date Revised 03/30/2007
 Definition

Extended Properties
 No extended properties.

Relationships (parent-child)
 No parent/child relationships.

Concept Alternate Designations
 No alternate designations.

SEARCHING FOR CODE SYSTEMS BY OID

Use the following procedure to search for code systems by OID .

- Click **Code Systems** on the Search page.
- Click **View Search Options**.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | **Code Systems** | [Code System Concepts](#) | [Groups](#)

 ⓘ

[View Search Options](#) [Browse All Code Systems](#)

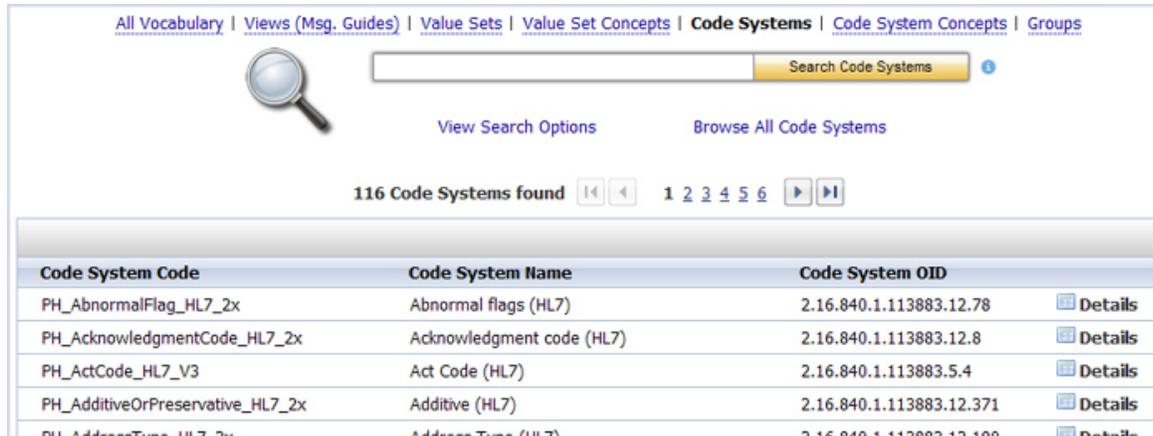
- The **Advanced Search** options are displayed.



- Clear any selected check boxes. Select the **OID** check box in the **Search Within Fields** area.
- Enter the **OID** into the text box (if you have only a partial OID, make sure you choose *Contains* for the **Search Type**) and click .



All code systems that meet the search criteria are displayed.



CODE SYSTEM CONCEPTS

A *code system concept* is a vocabulary standard's code and description for a concept as used in a codes system (e.g. ICD-9 = 487.0, Influenza).

HL7 Version 3 Core Principles Definition:

A concept defines a unitary mental representation of a real or abstract thing; an atomic unit of thought. It should be unique in a given code system. A concept may have synonyms in terms of representation and it may be a primitive or compositional term.

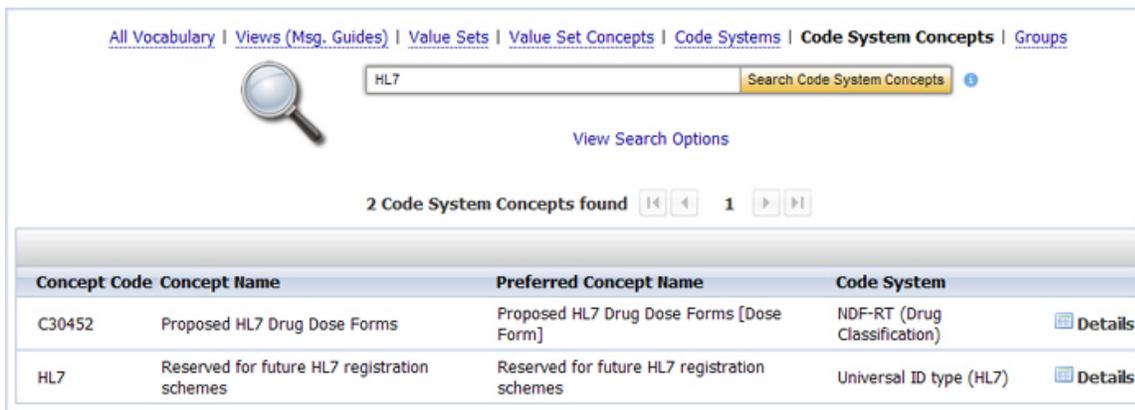
SEARCHING FOR CODE SYSTEM CONCEPTS

CODE SYSTEM CONCEPTS – BASIC SEARCH

Use the following procedure to search for a code system concept.

1. Choose **Code System Concepts** on the Search page.
2. Enter search text into the text box, and click 

All code system concepts that meet the search criteria are displayed.



The screenshot shows a search interface with a navigation bar at the top containing links: [All Vocabulary](#), [Views \(Msg. Guides\)](#), [Value Sets](#), [Value Set Concepts](#), [Code Systems](#), [Code System Concepts](#), and [Groups](#). Below the navigation bar is a search box containing the text 'HL7' and a magnifying glass icon to its left. To the right of the search box is a yellow button labeled 'Search Code System Concepts' with a blue information icon. Below the search box is a link labeled 'View Search Options'. Underneath, it says '2 Code System Concepts found' followed by navigation arrows and the number '1'. A table displays the search results:

Concept Code	Concept Name	Preferred Concept Name	Code System	
C30452	Proposed HL7 Drug Dose Forms	Proposed HL7 Drug Dose Forms [Dose Form]	NDF-RT (Drug Classification)	Details
HL7	Reserved for future HL7 registration schemes	Reserved for future HL7 registration schemes	Universal ID type (HL7)	Details

CODE SYSTEM CONCEPTS – ADVANCED SEARCH

To further refine your search, use the following procedure.

1. Click **Code System Concepts** on the Search page.
2. Click **View Search Options**.



The screenshot shows the search interface with the navigation bar at the top. The search box is empty, and the 'Search Code System Concepts' button is visible. Below the search box is the 'View Search Options' link.

3. The **Advanced Search** options are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | **Code System Concepts** | [Groups](#)


 Search Code System Concepts

Hide Search Options

Filter by Code Systems

Search Type:
 Full word

Search Within Fields:
 Concept Code
 Concept Name
 Preferred Concept Name
 Alternate Designation
 Description

- Choose the **Search Type** (*Full Word, Contains, Ends with, or Begins with*).
- Select, as appropriate, the check boxes for your search. These check boxes allow you to filter your search by **Code System**, and then to search by **Concept Code**, **Concept Name**, **Preferred Name**, and **Alternate Name**.

NOTE: THE DEFAULT SEARCH TYPE IS "FULL WORD" WITHIN CONCEPT CODE OR CONCEPT NAME.

- Enter search text into the text box, and click

All code system concepts that meet the search criteria are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | **Code System Concepts** | [Groups](#)


 Search Code System Concepts

View Search Options

2 Code System Concepts found

Concept Code	Concept Name	Preferred Concept Name	Code System	
C30452	Proposed HL7 Drug Dose Forms	Proposed HL7 Drug Dose Forms [Dose Form]	NDF-RT (Drug Classification)	Details
HL7	Reserved for future HL7 registration schemes	Reserved for future HL7 registration schemes	Universal ID type (HL7)	Details

ACCESSING CODE SYSTEM CONCEPT INFORMATION

Use the following procedure to access information associated with a code system concept.

- Click for the code system concept for which you wish to see information.

The **Code System Concepts information page** is displayed.

Code System Concept	
Code System Concept Code	154278002
Code System Concept Name	(Gastroenteritis (& [viral NOS])) or (vomiting: [viral] or [& diarrhoea infection]) or (gastric flu) (disorder)
Code System Preferred Concept Name	(Gastroenteritis (& [viral NOS])) or (vomiting: [viral] or [& diarrhoea infection]) or (gastric flu) (disorder)
Concept Status	Published
Concept Status Date	09/01/2017
Code System Name	SNOMED-CT

[Concept Relationships](#) | [Concept Details](#)

Concept Details	
Code System Code	PH_SNOMED-CT
Code System OID	2.16.840.1.113883.6.96
HL7 Table 0396 Code	SCT
Superseded By Concept	
SDO Concept Status	Current
SDO Concept Status Date	01/31/2002
SDO Date Created	01/31/2002
SDO Date Revised	01/31/2002
Description	
Sequence	

2. Click the **Code System Name** hyperlink to view all of the code system metadata, including OID and **HL7 Table 0396** code.
3. Click the **Code System Concept Name** hyperlink to view all of the concept metadata, including extended properties and relationships.
4. Click the **Concept Relationships** hyperlink to view parent and child relationship information.

GROUPS

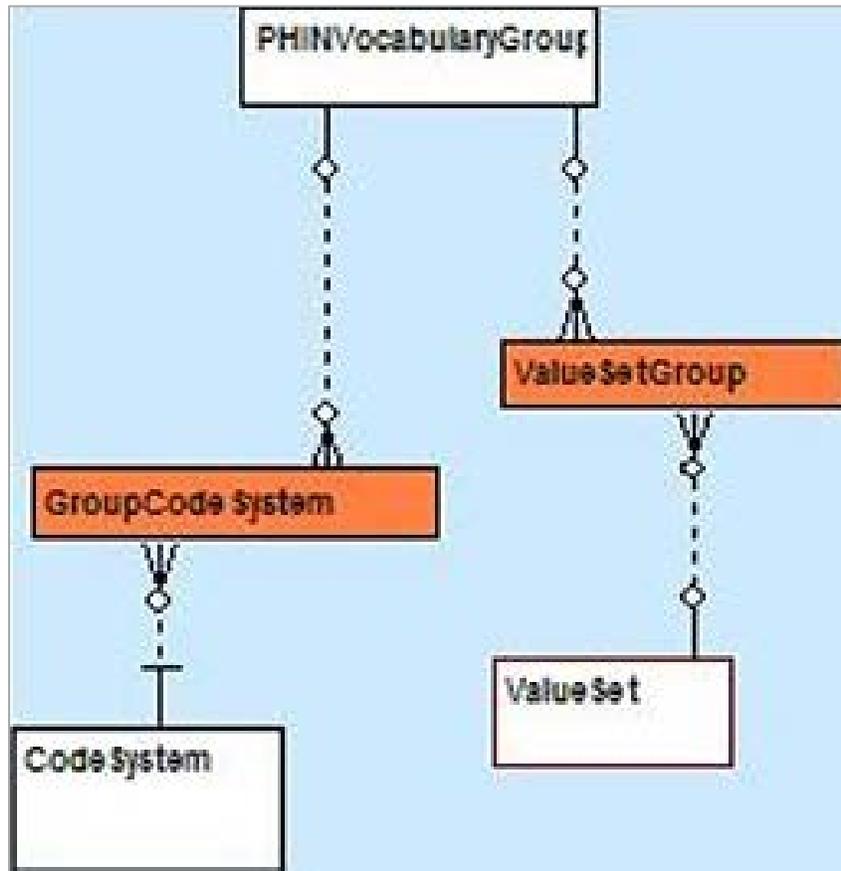
A group is a collection of like value sets categorized by a subject or theme. **PHIN Vocabulary Groups** are used mainly for indexing the value sets in **PHIN VADS**.

Examples:

(a) The **Demographics** group will contain all of the value sets related to demographics such as *Countries, Counties, Cities, Sex*, etc.

(b) The **Laboratory** group will contain all of the value sets related to Lab tests and results such as *specimen or sample type, Hepatitis Lab Tests, Microorganism*, etc.

The following is a graphical depiction of the **PHIN VADS Group model**.



SEARCHING GROUPS

GROUPS – BASIC SEARCH

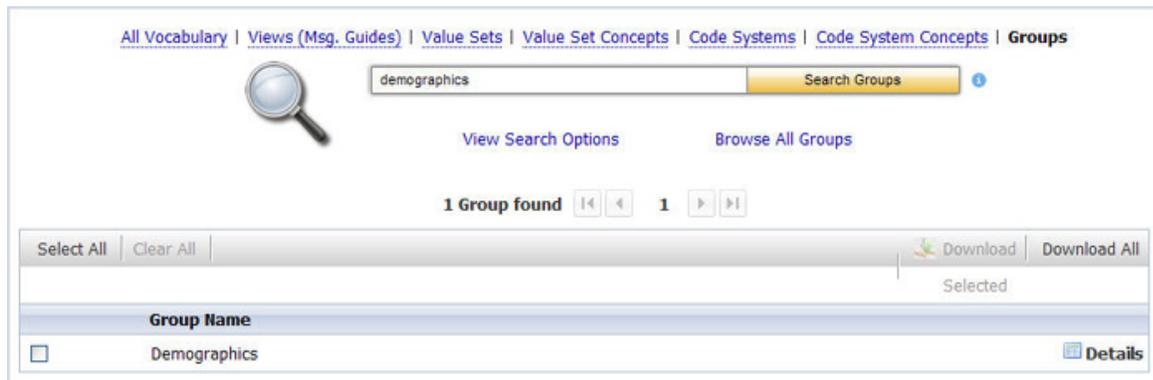
Use the following procedure to search for a group.

1. Click **Groups** on the Search page.
2. Enter search text into the text box and click

Search Groups

All groups that meet the search criteria are displayed.

NOTE: IF YOUR SEARCH RESULTS DO NOT INCLUDE THE GROUP FOR WHICH YOU ARE SEARCHING, USE THE [BROWSE ALL GROUPS PROCEDURE](#) TO SEE ALL GROUPS.



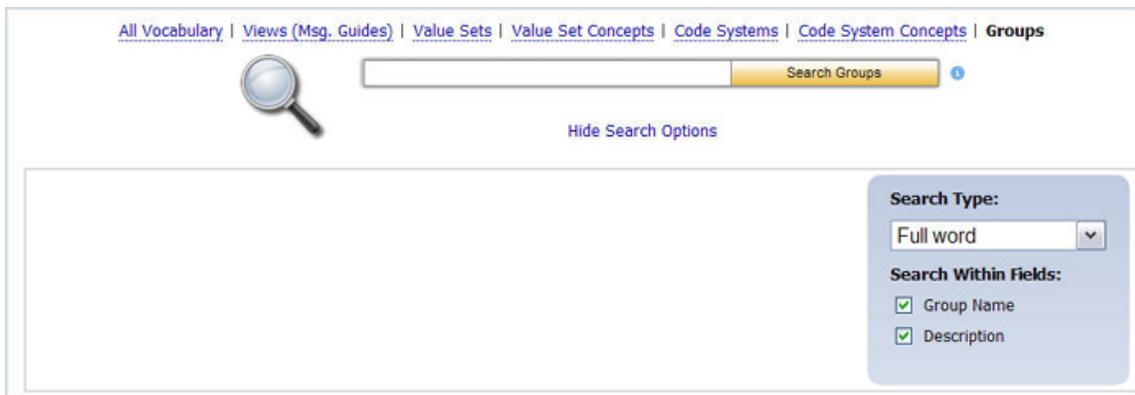
GROUPS – ADVANCED SEARCH

To further refine your search, use the following procedure.

1. Click **Groups** on the Search page.
2. Click **View Search Options**.



3. The **Advanced Search** options are displayed.



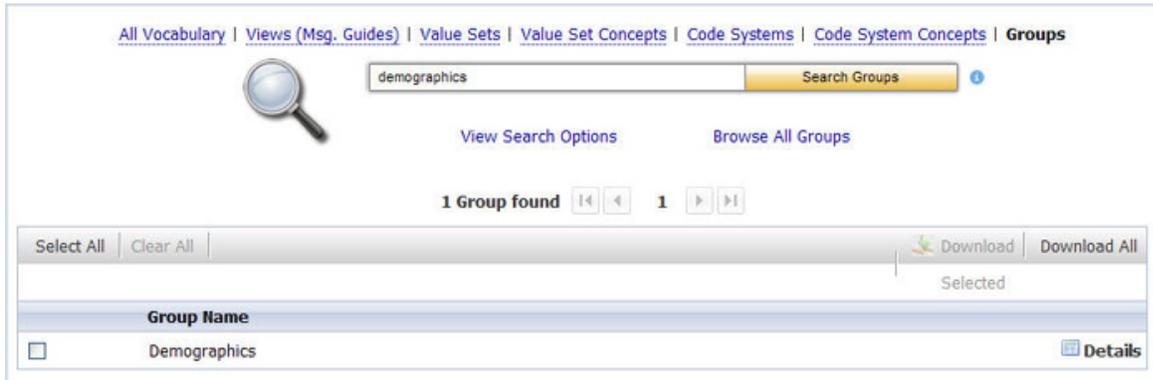
4. Choose the **Search Type** (*Full Word, Contains, Ends with, or Begins with*).
5. Choose the **Search Within Fields** option (**Group Name** or **Definition**).

NOTE: THE DEFAULT IS A SEARCH BY SEARCH TYPE FULL WORD AND SEARCH WITHIN FIELDS GROUP NAME.

6. Enter search text into the text box and click



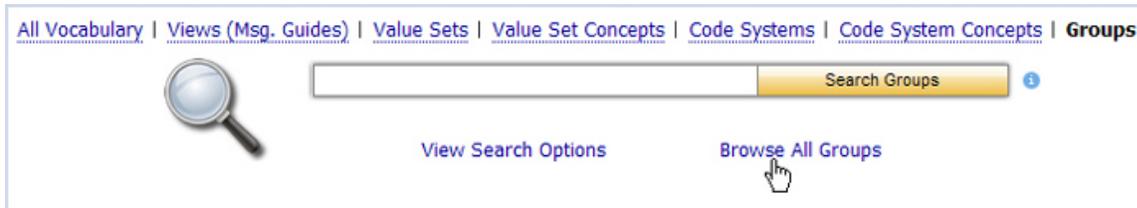
All groups that meet the search criteria are displayed.



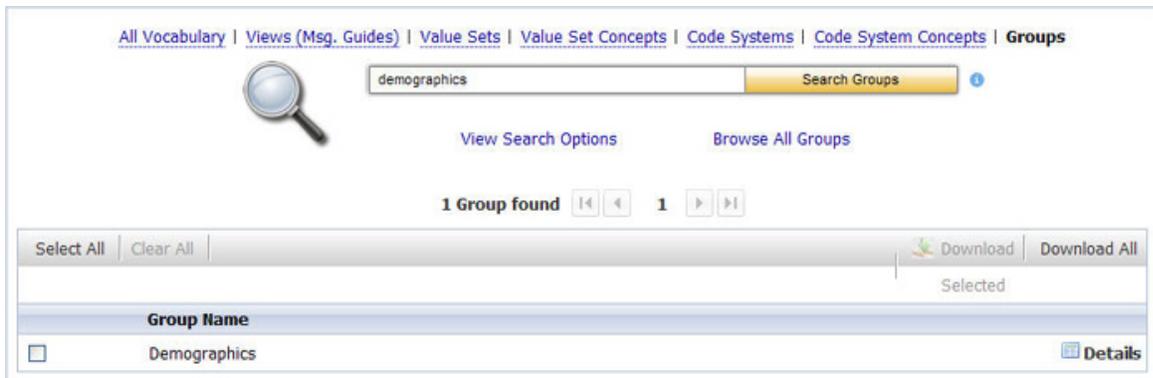
BROWSING ALL GROUPS

Use the following procedure to browse all groups.

1. Click **Groups** on the Search page.
2. Click **Browse All Groups**.



The **Browse Results** show the number of groups found and lists 15 items per page.

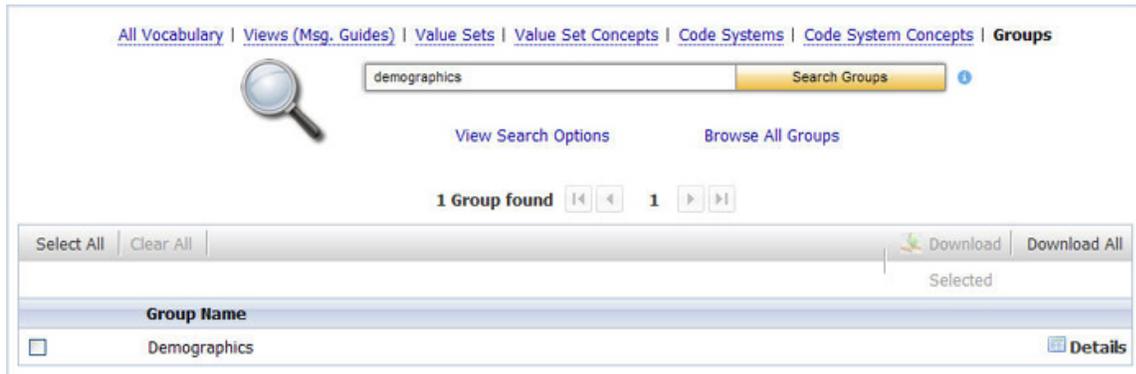


DOWNLOADING GROUPS

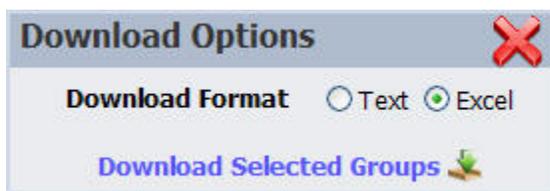
Use the following procedure to download a group or groups to your computer.

1. [Perform a search](#) for the group or groups you wish to download.

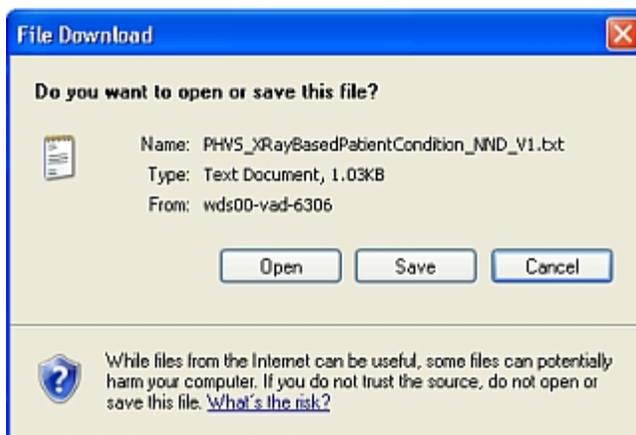
All groups that meet the search criteria are displayed.



2. Select the check box next to each group you wish to download and choose **Download Selected**. The **Download Options** window is displayed.
3. In the **Download Options** window, select the format in which you would like the information to be saved (text or Excel).



4. Click **Download Selected Groups**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



- Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
- Choose your path and file name, and choose **Save**. The groups are saved to the location you specified.

DOWNLOADING

DOWNLOADING ALL VALUE SETS

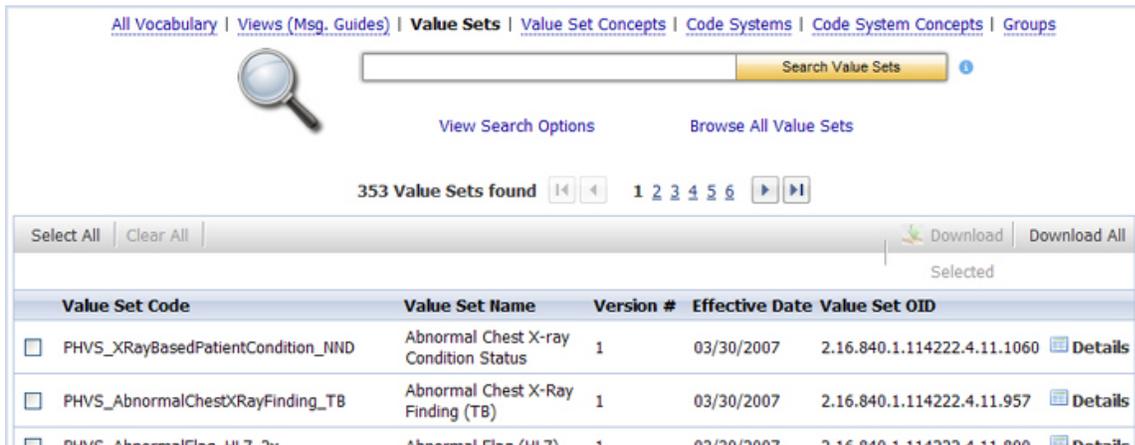
Use the following procedure to download all value sets.

Click **Value Sets** on the **Search** page.

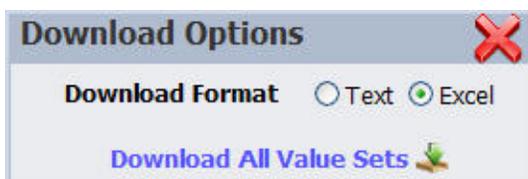
- Click **Browse All Value Sets**.



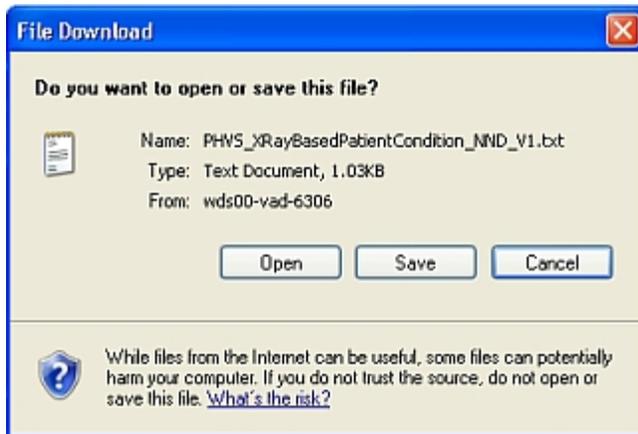
The browse results show the number of value sets found and lists 15 items per page.



- Select **Download All**; the **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved.
5. Click **Download All Value Sets**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name, and click **Save**. The value sets are saved to the location you specified.

DOWNLOADING A VALUE SET

Use the following procedure to download one or more value sets to your computer.

1. [Perform a search](#) for the value set(s) you wish to download.
2. The remaining instructions vary slightly, depending on which page is currently displayed on your computer screen - the **Search** page (with a list of results) or the **View Information** page.

What do you want to do?

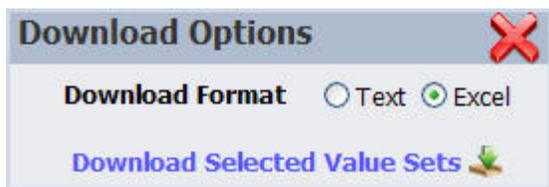
[Download from the Search page](#)

[Download from the Value Set Information page](#)

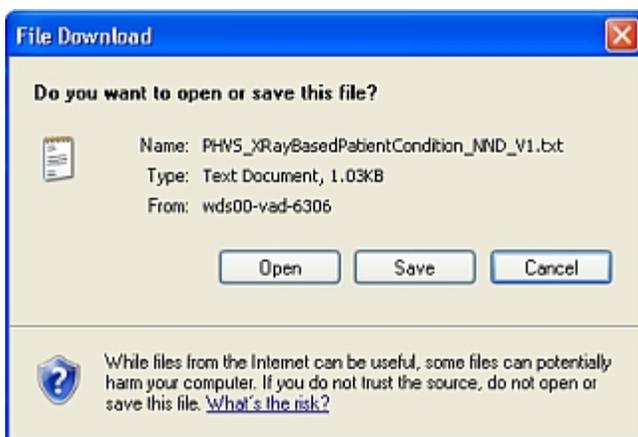
DOWNLOAD FROM THE SEARCH PAGE

If you performed a basic or advanced search to find the value sets, follow the remaining steps to download the value sets from the **Search** page.

3. On the **Search** page, select the check box next to each value set you wish to download, and choose **Download Selected**. The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved.
5. Click **Download Selected Value Sets**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).

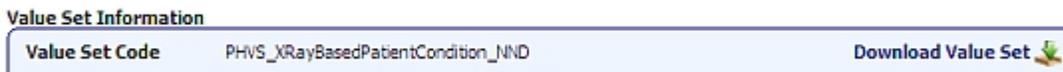


6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name, and click **Save**. The value sets are saved to the location you specified.

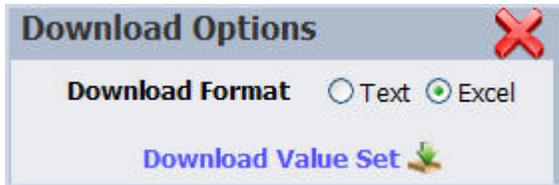
DOWNLOAD FROM THE VALUE SET INFORMATION PAGE

If you are viewing the details for a specific value set or have accessed the value set via the **Frequently Accessed Vocabulary** feature, follow the remaining steps to download the value set from the **Value Set Information** page.

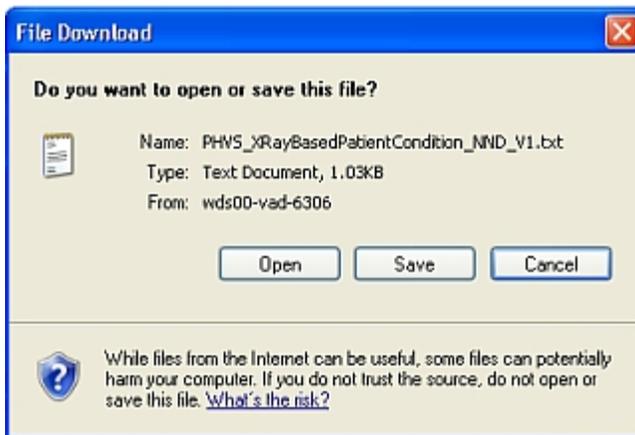
3. From the **Value Set Information** page click [Download Value Set](#) 



The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved.
5. Click **Download Value Set**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s)



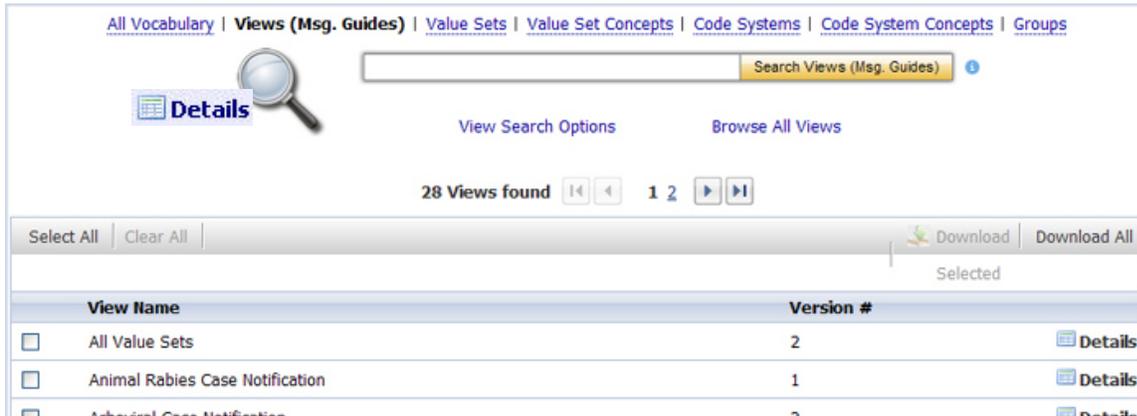
6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name, and click **Save**. The value set is saved to the location you specified.

DOWNLOADING VALUE SETS BY PHIN VOCABULARY VIEW OR IMPLEMENTATION GUIDE

To download value sets by **PHIN Vocabulary View** or **Implementation guide**, use the [Search for Views procedure](#) as a starting point. Use the following procedure to download the value sets by **PHIN Vocabulary View** or **Implementation guide**.

1. [Perform a search](#) for the messaging guide.

All views that meet the search criteria are displayed.



2. Click the [link](#) to see the **View Information page**, which displays a list of the value sets associated with this **PHIN Vocabulary View** or **Implementation guide**.

View Information

View Name	Animal Rabies Case Notification	Download View
View Description	The vocabulary used for Animal Rabies Case Notification messages to CDC. The version of the Message Mapping Guide this vocabulary reflects is 1.0.	
View Status	Published	
View Status Date	11/10/2008	
View Version	1	
View Version Status	Published	
View Version Status Date	11/10/2008	
View Version Description	Initial Load of View Animal Rabies Case Notification	

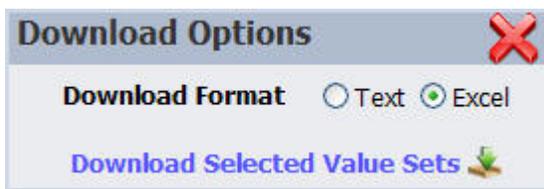
Version History

← Version 1 →
 (Current)

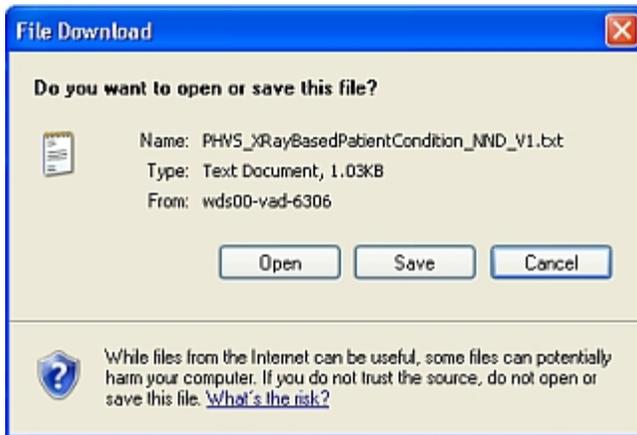
16 Value Sets found

Value Set Code	Value Set Name	Version #	Value Set OID	
<input type="checkbox"/> PHVS_AnimalAgeCategory_NIND	Age Category (Animal)	1	2.16.840.1.114222.4.11.3065	Details
<input type="checkbox"/> PHVS_AnimalSpecies_AnimalRabies	Animal Species (Animal Rabies)	1	2.16.840.1.114222.4.11.3068	Details

3. Select the check box next to each value set you wish to download, and choose **Download Selected**. The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved
5. Click **Download Selected Value Sets**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



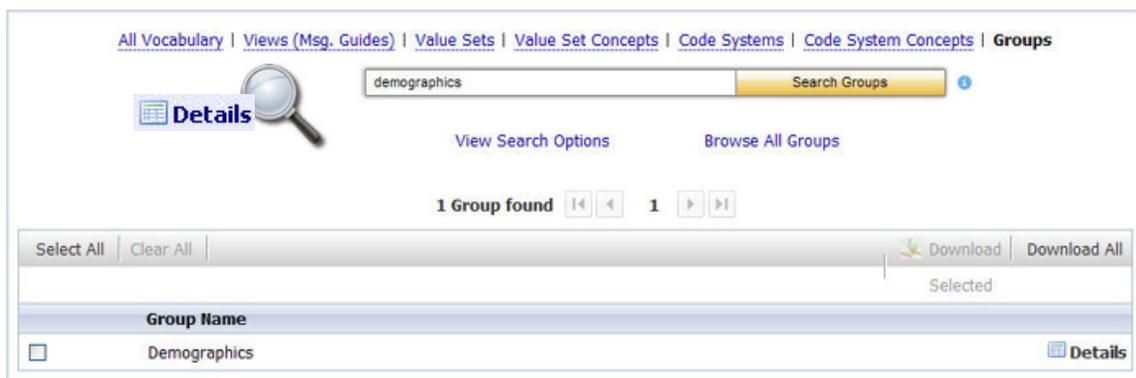
6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name, and click **Save**. The value sets are saved to the location you specified.

DOWNLOADING VALUE SETS BY VOCABULARY GROUP

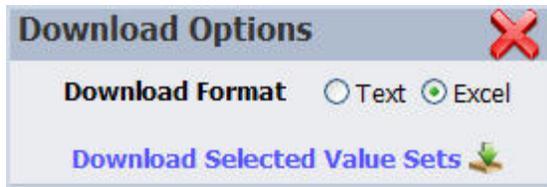
To download value sets by **Vocabulary Group**, use the [Search for Groups procedure](#) as a starting point. Use the following procedure to download the value sets by vocabulary group.

1. [Perform a search](#) for the vocabulary group.

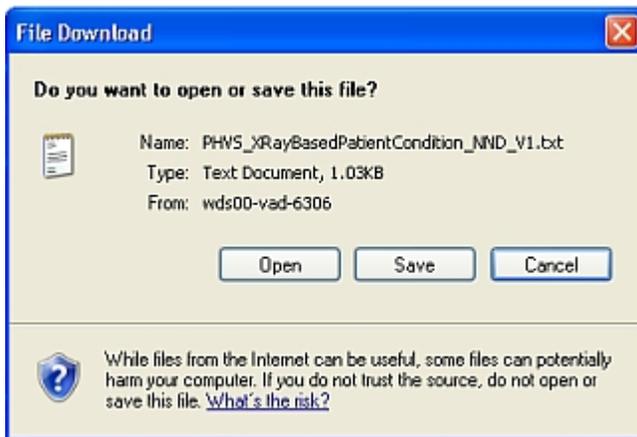
All groups that meet the search criteria are displayed.



2. Click the [Details](#) link to see the **Group Information page**, which displays a list of the value sets associated with the group.
3. Select the check box next to each value set you wish to download, and choose **Download Selected**. The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved
5. Click **Download Selected Value Sets**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name, and click **Save**. The value sets are saved to the location you specified.

DOWNLOADING VALUE SET CONCEPTS

Use the following procedure to download a value set concept to your computer.

1. [Perform a search](#) for the value set concepts you wish to download.

All value set concepts that meet the search criteria are displayed.

All Vocabulary | Views (Msg. Guides) | Value Sets | **Value Set Concepts** | Code Systems | Code System Concepts | Groups

anthrax Search Value Set Concepts

View Search Options

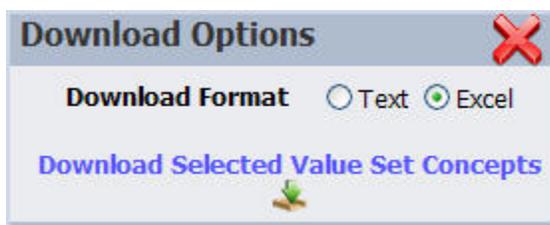
46 Value Set Concepts found

Select All Clear All Download Download All

Selected

Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	Version #	
<input type="checkbox"/> 10350	Anthrax	Anthrax	Notifiable Event (Disease/Condition) Code List	Nationally Notifiable Disease Surveillance System (NNDSS) & Other Conditions of Public Health Importance	1	Details
<input type="checkbox"/> 10350	Anthrax	Anthrax	Notifiable Event (Disease/Condition) Code List	Nationally Notifiable Infectious Disease reportable to the Nationally Notifiable Disease Surveillance System	1	Details
<input type="checkbox"/> 400409004	Anthrax (disorder)	Anthrax	SNOMED-CT	Disease	2	Details

2. Select the check box next to each value set concept you wish to download, and choose **Download Selected**. The **Download Options** window is displayed.



3. In the **Download Options** window, select the format in which you would like the information to be saved.
4. Click **Download Selected Value Set Concepts**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



5. Choose **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.

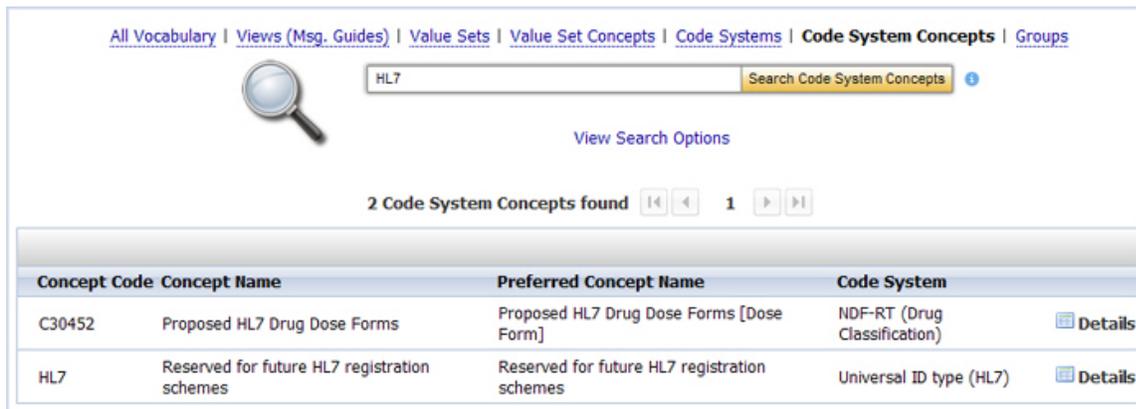
- Choose your path and file name, and choose **Save**. The value set concepts are saved to the location you specified.

DOWNLOADING CODE SYSTEM CONCEPT RELATIONSHIPS

To download **Code System Relationships**, use the [Search for Code System Concepts procedure](#) as a starting point. Use the following procedure to download the code system concept relationships.

- Perform a search for the code system concept code.

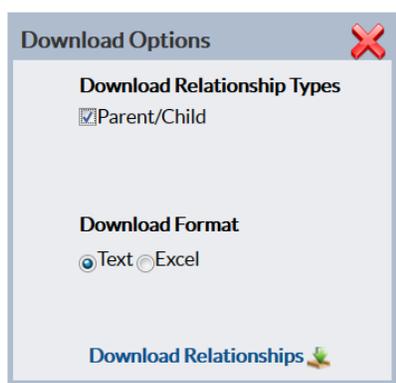
All code system concepts that meet the search criteria are displayed.



The screenshot shows a search interface with a search bar containing 'HL7' and a 'Search Code System Concepts' button. Below the search bar, it indicates '2 Code System Concepts found'. The results are displayed in a table with the following columns: Concept Code, Concept Name, Preferred Concept Name, and Code System. Each row has a 'Details' link.

Concept Code	Concept Name	Preferred Concept Name	Code System
C30452	Proposed HL7 Drug Dose Forms	Proposed HL7 Drug Dose Forms [Dose Form]	NDF-RT (Drug Classification)
HL7	Reserved for future HL7 registration schemes	Reserved for future HL7 registration schemes	Universal ID type (HL7)

- Click the [Details](#) link to see the **Code System Concept Information page**.
- Click on Relationships. If Relationships are available, they will be displayed.
- Select the **Download Relationships** hyperlink. The **Download Options** window is displayed.



The screenshot shows a 'Download Options' dialog box with a close button (red X). It contains two sections: 'Download Relationship Types' with a checked checkbox for 'Parent/Child', and 'Download Format' with radio buttons for 'Text' (selected) and 'Excel'. At the bottom, there is a 'Download Relationships' button with a download icon.

- In the **Download Options** window, ensure the Parent/Child checkbox is selected and select the format in which you would like the information to be saved
- Click **Download Relationships**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).

7. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
8. Choose your path and file name, and click **Save**. The value sets are saved to the location you specified.

DOWNLOADING VIEWS

Use the following procedure to download one or more views to your computer.

1. [Perform a search](#) for the view(s) you wish to download.
2. The remaining instructions vary slightly, depending on which page is currently displayed on your computer screen - the **Search** page (with a list of results) or the **View Information** page.

What do you want to do?

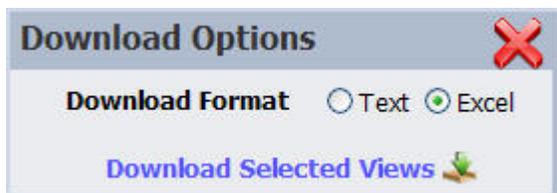
[Download from the Search page](#)

[Download from the View Information page](#)

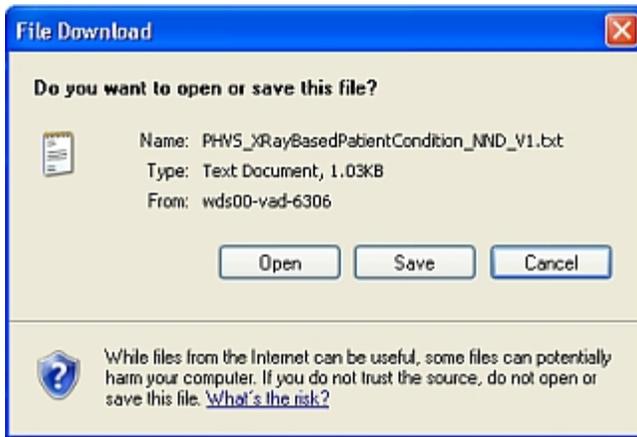
DOWNLOAD FROM THE SEARCH PAGE

If you performed a basic or advanced search to find the views, follow the remaining steps to download the views from the **Search** page.

3. On the **Search** page, select the check box next to each view you wish to download, and choose **Download Selected**. The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved
5. Click **Download Selected Views**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file (s).



6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name, and Click **Save**. The views are saved to the location you specified.

DOWNLOAD FROM THE VIEW INFORMATION PAGE

If you are viewing the details for a specific view or have accessed the view via the **Frequently Accessed Vocabulary** feature, follow the remaining steps to download the view from the **View Information** page.

3. From the **View Information** page for the view, click [Download View](#) .

View Information

View Name	Animal Rabies Case Notification	Download View 
View Description	The vocabulary used for Animal Rabies Case Notification messages to CDC. The version of the Message Mapping Guide this vocabulary reflects is 1.0.	
View Status	Published	
View Status Date	11/10/2008	
View Version	1	
View Version Status	Published	
View Version Status Date	11/10/2008	
View Version Description	Initial Load of View Animal Rabies Case Notification	

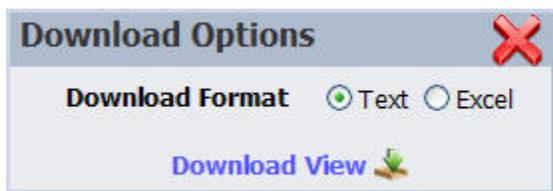
Version History

◀ Version 1 ▶
 (Current)

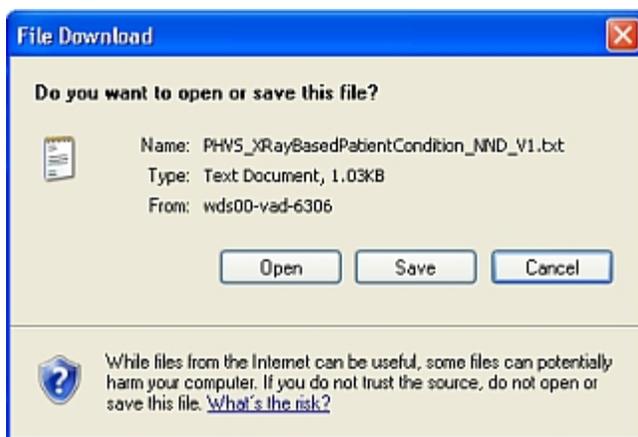
16 Value Sets found ◀◀ 1 ▶▶

Value Set Code	Value Set Name	Version #	Value Set OID	
<input type="checkbox"/> PHVS_AnimalAgeCategory_NND	Age Category (Animal)	1	2.16.840.1.114222.4.11.3065	Details
<input type="checkbox"/> PHVS_AnimalSpecies_AnimalRabies	Animal Species (Animal Rabies)	1	2.16.840.1.114222.4.11.3068	Details

The **Download Options** window is displayed.



4. In the **Download Options** window, select the format in which you would like the information to be saved.
5. Click **Download View**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



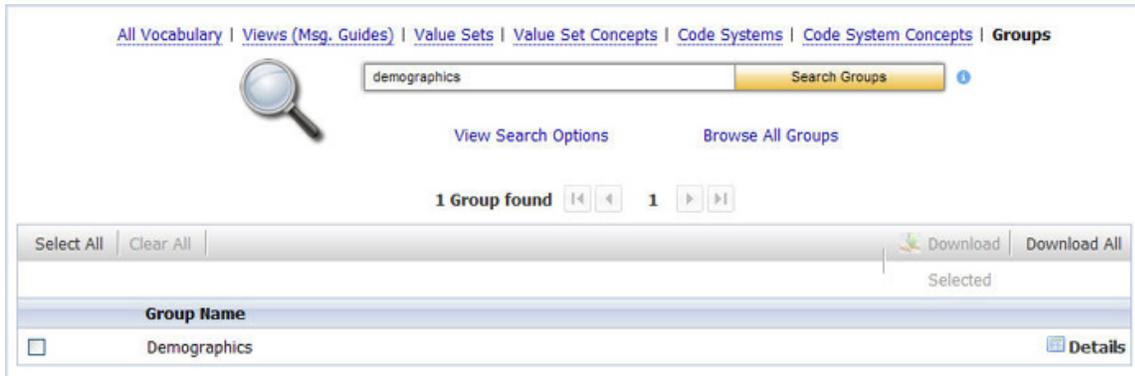
6. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
7. Choose your path and file name, and click **Save**. The view is saved to the location you specified.

DOWNLOADING GROUPS

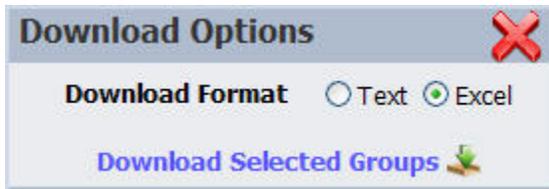
Use the following procedure to download a group or groups to your computer.

1. [Perform a search](#) for the group or groups you wish to download.

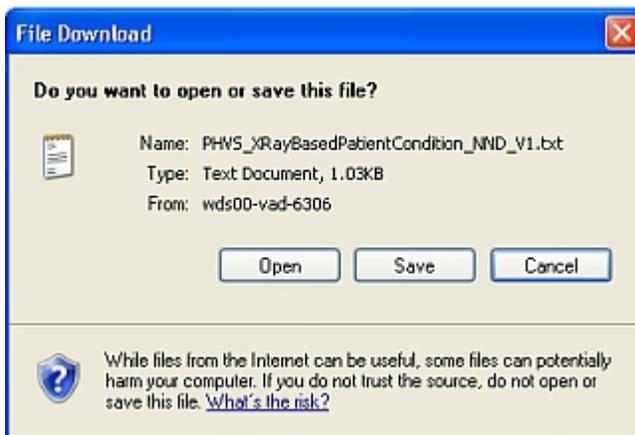
All groups that meet the search criteria are displayed.



2. Select the check box next to each group you wish to download, and choose **Download Selected**. The **Download Options** window is displayed.



3. In the **Download Options** window, select the format in which you would like the information to be saved.
4. Click **Download Selected Groups**. The **File Download** window is displayed, prompting you to **Open** or **Save** the file(s).



5. Click **Save**. The **Save As** dialog box is displayed, allowing you to browse to the location on your PC where you wish to save the file.
6. Choose your path and file name, and click **Save**. The groups are saved to the location you specified.

BROWSING

WHAT IS THE FUNCTION OF BROWSE ALL?

The **Browse All** link can be found on the Value Sets, Code Systems, Views (Msg. Guides), and Groups search pages.



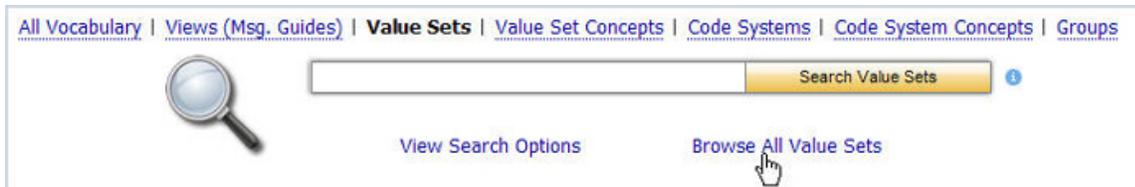
Choose this link to see a Search Results page showing all the value sets, code systems, views, or groups currently found in **PHIN VADS** database.

NOTE: ON A BROWSE ALL QUERY, THE SEARCH OPTIONS PANE IS IGNORED, AND THE OPTIONS SPECIFIED THERE ARE NOT APPLIED.

BROWSING ALL VALUE SETS

Use the following procedure to browse all value sets.

1. Click **Value Sets** on the Search page.
2. Click **Browse All Value Sets**.



The **Browse Results** show the number of value sets found and lists 15 items per page.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | **Value Sets** | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



[View Search Options](#) [Browse All Value Sets](#)

353 Value Sets found 1 2 3 4 5 6

Select All | Clear All | | Selected

Value Set Code	Value Set Name	Version #	Effective Date	Value Set OID	
<input type="checkbox"/> PHVS_XRayBasedPatientCondition_NND	Abnormal Chest X-ray Condition Status	1	03/30/2007	2.16.840.1.114222.4.11.1060	Details
<input type="checkbox"/> PHVS_AbnormalChestXRayFinding_TB	Abnormal Chest X-Ray Finding (TB)	1	03/30/2007	2.16.840.1.114222.4.11.957	Details
<input type="checkbox"/> PHVS_AbnormalFlag_HL7_2x	Abnormal Flag (HL7)	1	02/20/2007	2.16.840.1.114222.4.11.900	Details

BROWSING ALL CODE SYSTEMS

Use the following procedure to browse all code systems.

1. Click **Code Systems** on the Search page.
2. Click **Browse All Code Systems**.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | **Code Systems** | [Code System Concepts](#) | [Groups](#)



[View Search Options](#) [Browse All Code Systems](#)

The **Browse Results** show the number of code systems found and lists 15 items per page.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | **Code Systems** | [Code System Concepts](#) | [Groups](#)



[View Search Options](#) [Browse All Code Systems](#)

116 Code Systems found 1 2 3 4 5 6

Code System Code	Code System Name	Code System OID	
PH_AbnormalFlag_HL7_2x	Abnormal flags (HL7)	2.16.840.1.113883.12.78	Details
PH_AcknowledgmentCode_HL7_2x	Acknowledgment code (HL7)	2.16.840.1.113883.12.8	Details
PH_ActCode_HL7_V3	Act Code (HL7)	2.16.840.1.113883.5.4	Details
PH_AdditiveOrPreservative_HL7_2x	Additive (HL7)	2.16.840.1.113883.12.371	Details
PH_AddressType_HL7_2x	Address Type (HL7)	2.16.840.1.113883.12.100	Details

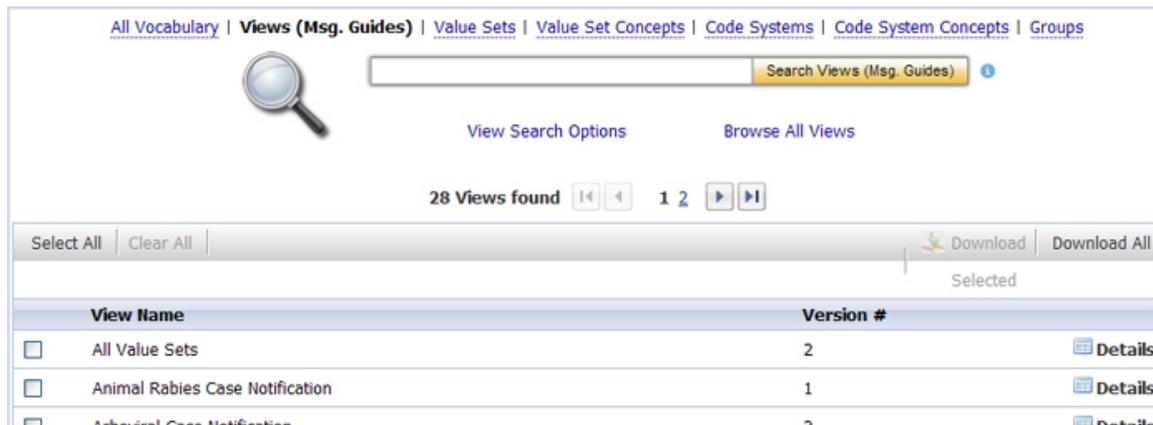
BROWSING ALL VIEWS

Use the following procedure to browse all views.

1. Click **Views (Msg. Guides)** on the Search page.
2. Click **Browse All Views**.



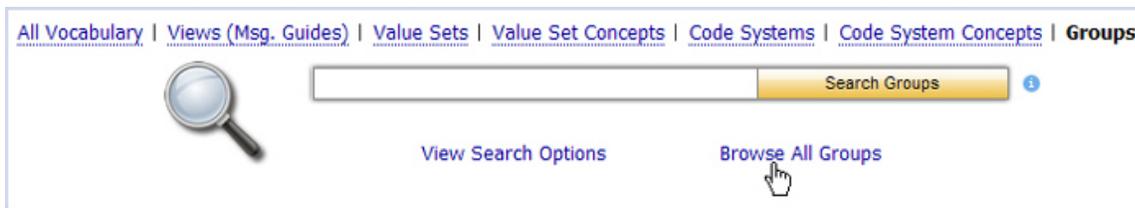
The **Browse Results** show the number of views found and lists 15 items per page.



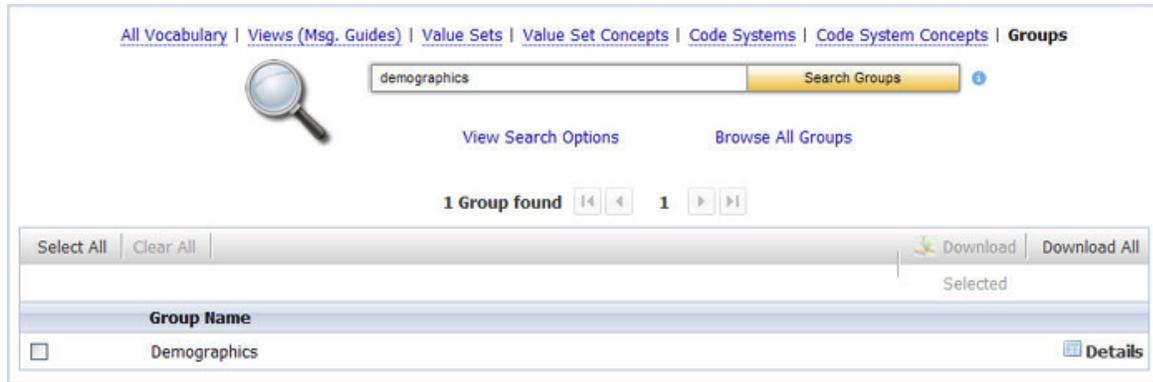
BROWSING ALL GROUPS

Use the following procedure to browse all groups.

1. Click **Groups** on the Search page.
2. Click **Browse All Groups**.



The **Browse Results** show the number of groups found and lists 15 items per page.

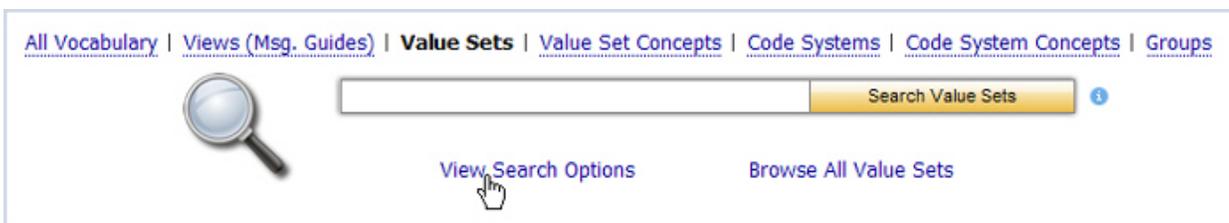


SEARCHING

WHAT IS VIEW SEARCH OPTIONS?

The **View Search Options** link expands the Search page to show the **Search Options** pane, displaying all of the options and settings that apply to the existing search; such as search type, fields to be searched, object filters, among others. You can change the settings in the **Search Options** pane to tailor the search to your individual preferences by selecting or de-selecting specific fields or filter criteria, narrowing or widening your search according to your wishes.

NOTE: THE VIEW SEARCH OPTIONS LINK WORKS LIKE A TOGGLE SWITCH. ONCE IT IS CLICKED AND THE SEARCH OPTIONS PANE IS DISPLAYED, THE LINK CHANGES FROM VIEW SEARCH OPTIONS TO HIDE SEARCH OPTIONS. CHOOSING THE HIDE SEARCH OPTIONS LINK HIDES (COLLAPSES) THE SEARCH OPTIONS PANE, AND ALL CHANGED OR UPDATED SETTINGS ARE PRESERVED AND APPLIED TO SUBSEQUENT SEARCHES.



When you choose this link, the page expands to show your options for focusing or narrowing your search for a given object. The picture below is of the **Advance Search** option for **Value Sets**.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | **Value Sets** | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)


 ⓘ

[Hide Search Options](#)

Filter by PHIN Vocabulary View

Filter by PHIN Vocabulary Groups

Search Type:
 ▼

Search Versions

Current
 All
 As Of: ▼

Search Within Fields:

Value Set Code
 Value Set Name
 Value Set OID
 Description

NOTE: NOT EVERY OBJECT HAS A SET OF ADVANCED SEARCH OPTIONS THIS EXTENSIVE. EACH SET OF OPTIONS IS BASED ON WHAT IS APPROPRIATE FOR THAT OBJECT.

Search Type defaults to *Full word*, which means that the search is for the entire text as you entered it in the text box on the Search page. Other options include *Contains* (searches for the text as any part of an object), *Begins with* (searches for objects that begin with the text in the text box), and *Ends with* (searches for objects that end with the text in the text box).

Search Version allows you to specify that you wish to search for only the current version, for all versions - both current and previous, or that you would prefer to search only for a previous version. To search for a previous version, use the **Date Selector** to specify a date. The system will return the active or latest version of the object as of that date.

Search Within Fields allows you to narrow your search to specific columns in the database specific to the object.

To reset the search options to the application defaults, first choose **Hide Search Options**, and then choose the **Reset** link.

The **Reset** link is displayed only if the search options are not the application defaults and the **Search Options** pane is hidden (collapsed).

The **Search Options** pane is specific to each object type, such as Value Set, Value Set Concept, Code System, Code System Concept, View or Group. Changing **Search Options** for one object type (such as Value Set) will not affect the **Search Options** for another object type, such as View or Value Set Concept. The **Reset** link is also specific to each object type; for instance, resetting Value Set search options will not reset View search options (and vice versa).

WHAT IS SEARCH TYPE: *FULL WORD*?



The screenshot shows a search configuration panel. At the top, under 'Search Type:', a dropdown menu is set to 'Full word'. Below this, under 'Search Within Fields:', there are two checkboxes: 'Group Name' is checked with a green checkmark, and 'Definition' is unchecked.

Full word search allows the user to search with a complete word or full word.

Examples:

If the user searches for "new," the user obtains search results such as "New York," "New Jersey," and "New Hampshire."

If the user searches for "Jersey," the user obtains search results such as "New Jersey."

If the user searches for "ICD" in the **Code System** search, the user will obtain "ICD-9 CM, Volume 1&2," "ICD-9 CM, Volume 3," and "International Classification of Diseases revision 10 (ICD 10 - WHO)" because symbols such as dashes and underlines act as wild cards, just like spaces and other white space.

WHAT IS AS OF FOR SEARCH VERSIONS?



The screenshot shows a search configuration panel. Under 'Search Type:', 'Full word' is selected. Under 'Search Versions:', three radio buttons are present: 'Current', 'All', and 'As Of:'. The 'As Of:' radio button is selected, and a date input field is visible next to it. Below this, under 'Search Within Fields:', there are two checkboxes: 'Value Set Code' is checked, and 'Value Set Name' is also checked.

VADS allows you to view current and previous versions of value sets. If a value set or view consists of 3 versions, where the first two are previous versions and the latest version is current, you can view both the current and previous versions by clicking on the **All** radio button. If you know one previous version you want to view out of the three versions, you can click the **As Of** radio button and enter a date.

WHAT IS THE DETAILS LINK?

The  **Details** link is found on the Search Results page in the right hand column of the page. Each **Details** link has a corresponding object.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



[View Search Options](#) [Browse All Views](#)

28 Views found 

[Select All](#) | [Clear All](#) | [Download](#) | [Download All](#)

Selected

View Name	Version #	
<input type="checkbox"/> All Value Sets	2	Details
<input type="checkbox"/> Animal Rabies Case Notification	1	Details
<input type="checkbox"/> Arboviral Case Notification	2	Details

The link takes you to an Information page (called the Object Detail page) that provides additional metadata, including child objects (if applicable), for the corresponding vocabulary object.

[Value Set Information](#) [Download Value Set](#)  [Version History](#)

Value Set Code PHV5_XRayBasedPatientCondition_NND Value Set Name Abnormal Chest X-ray Condition Status Value Set OID 2.16.840.1.114222.4.11.1060 Value Set Version 3	 Version 3  (Current)
---	--

[Value Set Details](#) | [Value Set Concepts](#)

Version Description Initial Load VADS 3.0 Version Test Version Effective Date 03/30/2007 Version Expiration Date Definition Patient's condition based on abnormal Chest X-ray results Version Status Published PHIN Vocabulary Groups PHIN Vocabulary Views
--

On the Object Detail page, objects with versioning such as Value Sets and Views (Msg. Guides) display the current version by default. The **Version History** pane shows the current version number; in addition, any metadata that is version-dependent (such as Version Effective Date) will be derived from the current version and displayed on the page.

If an object has multiple versions, a previous version can be viewed by navigating to a different version within the Version History pane using the arrow buttons. When a different version is selected, the corresponding information specific to that version is updated on the page.

SEARCHING FOR VALUE SETS

PHIN VADS offers several ways to search for a value set.

What would you like to do?

[Perform a basic search from the Search page](#)

[Perform an advanced search from the Search page](#)

PERFORM A BASIC SEARCH FROM THE SEARCH PAGE

Use the following procedure to perform a basic search for a value set from the **Search** page.

1. Choose **Value Sets** at the top of the **Search** page.

Enter search text into the text box, and click 

All value sets that meet the search criteria are displayed.

Value Set Code	Value Set Name	Version #	Effective Date	Value Set OID	
<input type="checkbox"/> PHVS_BirthAttendees_NETSS	Birth Attendees (NETSS)	1		2.16.840.1.114222.4.11.3414	Details
<input type="checkbox"/> PHVS_HeightUnit_CDC	Height Unit (CDC)	1	08/24/2016	2.16.840.1.114222.4.11.7536	Details

NOTE: If your search results do not include the value set for which you are searching, use the [Browse All Value Sets procedure](#) to see all value sets.

PERFORM AN ADVANCED SEARCH FROM THE SEARCH PAGE

Use the following procedure to perform an advanced search for a value set from the **Search** page.

1. Choose **Value Sets** on the **Search** page.
2. Choose **View Search Options**.



3. The **Advanced Search** options are displayed.

All Vocabulary | Views (Msg. Guides) | **Value Sets** | Value Set Concepts | Code Systems | Code System Concepts | Groups

Search Value Sets

Hide Search Options

Filter by PHIN Vocabulary View

Filter by PHIN Vocabulary Groups

Search Type:

Full word

Search Versions

Current

All

As Of: [Date Picker]

Search Within Fields:

Value Set Code

Value Set Name

Value Set OID

Description

4. Choose from the check boxes that allow you to filter your search by **PHIN Vocabulary View** and **PHIN Vocabulary Groups**.
5. Choose the **Search Type** from the drop-down menu (*Full Word, Contains, Begins with, or Ends with*).
6. Choose the **Version: Current** (default), **All**, or **As of** (enter or select a date) radio button.
7. Choose the **Search Within Fields** check boxes as appropriate (**Value Set Code, Value Set Name, Value Set OID**, and/or **Definition**).

NOTE: THE DEFAULT SEARCH IS BY VALUE SET CODE AND VALUE SET NAME.

8. Enter the search text into the text box and click 

All value sets that meet the search criteria are displayed.

ACCESSING VALUE SET INFORMATION

After your search is complete and you have found the value set for which you were searching, use the following procedure to access information associated with that value set.

1. If the **Search** page is displayed, click  **Details** for the value set for which you wish to see information.

The **Value Set Information page** for the value set is displayed, showing the metadata for the specified value set, including version history.

Value Set Information

Value Set Code	PHVS_XRayBasedPatientCondition_NND	Download Value Set 
Value Set Name	Abnormal Chest X-ray Condition Status	
Value Set OID	2.16.840.1.114222.4.11.1060	
Value Set Description	Patient's condition based on abnormal Chest X-ray results	

[Value Set Details](#) | [Value Set Concepts](#)

Version History

◀ Version 1 ▶
 (Current)

Value Set Version 1

Version Description Initial Load VADS 3.0

Version Effective Date 03/30/2007

Version Expiration Date

Version Status Published

PHIN Vocabulary Groups Disease / Clinical History / Observation (Finding)

PHIN Vocabulary Views

View Name	Version(s)
All Value Sets	2, 1

2. Choose the **PHIN Vocabulary Groups** link in the **Value Set information page** to view details regarding that particular **Group**.

Group Information

Group Name	Disease / Clinical History / Observation (Finding)	Download Group 
Group Description	Disease/Clinical History / Observation (Finding) - PHIN Vocabulary group would include the value sets associated with Disease, Clinical History, Clinical Observations, Symptoms, Signs, Administrative diagnosis, etc.	
Group Status	Published	
Group Status Date	11/06/2008	

90 Value Sets found ◀ ◁ 1 2 3 4 5 6 ▶ ▷

Select All	Clear All							
		Download Selected						Download All
<input type="checkbox"/>	Value Set Code	Value Set Name	Version #	Value Set OID				Details
<input type="checkbox"/>	PHVS_XRayBasedPatientCondition_NND	Abnormal Chest X-ray Condition Status	1	2.16.840.1.114222.4.11.1060				Details
<input type="checkbox"/>	PHVS_AbnormalChestXRayFinding_TB	Abnormal Chest X-Ray Finding (TB)	1	2.16.840.1.114222.4.11.957				Details
<input type="checkbox"/>	PHVS_AdmissionLevelOfCareCode_HLT	Admission Level of Care (HLT)	1	2.16.840.1.114222.4.11.917				Details

3. Choose the **PHIN Vocabulary Views** link in the **Value Set information page** to view details regarding that particular View that contains the **Value Set** being searched or browsed.
4. Choose **Value Set Concepts** to view the concepts associated with the value set.

Value Set Information

Value Set Code	PHVS_XRayBasedPatientCondition_NND	Download Value Set
Value Set Name	Abnormal Chest X-ray Condition Status	
Value Set OID	2.16.840.1.114222.4.11.1060	
Value Set Description	Patient's condition based on abnormal Chest X-ray results	

Value Set Details | [Value Set Concepts](#)

Version History

◀ Version 1 ▶
 (Current)

Value Set Version 1

Version Description Initial Load VADS 3.0

Version Effective Date 03/30/2007

Version Expiration Date

Version Status Published

PHIIII Vocabulary Groups Disease / Clinical History / Observation (Finding)

PHIIII Vocabulary Views

View Name	Version(s)
All Value Sets	2, 1

The concepts associated with the **Value Set** are displayed.

Value Set Information

Value Set Code	PHVS_XRayBasedPatientCondition_NND	Download Value Set
Value Set Name	Abnormal Chest X-ray Condition Status	
Value Set OID	2.16.840.1.114222.4.11.1060	
Value Set Description	Patient's condition based on abnormal Chest X-ray results	

Value Set Details | [Value Set Concepts](#)

4 Value Set Concepts found 14 ◀ ▶ 1 ▶ ▶▶

Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	
<input type="checkbox"/> 385633008	Improving (qualifier value)	Improving	SNOMED-CT	Abnormal Chest X-ray Condition Status	Details
<input type="checkbox"/> 58158008	Stable (qualifier value)	Stable	SNOMED-CT	Abnormal Chest X-ray Condition Status	Details
<input type="checkbox"/> UNK	unknown	Unknown	Null Flavor (HL7)	Abnormal Chest X-ray Condition Status	Details
<input type="checkbox"/> 230993007	Worsening (qualifier value)	Worsening	SNOMED-CT	Abnormal Chest X-ray Condition Status	Details

5. Click [Details](#)

The **Value Set Concept information page** for that concept is displayed.

Value Set and Code System Information

Code System Name SNOMED-CT
Value Set Code PHVS_XRayBasedPatientCondition_NND
Value Set Name Abnormal Chest X-ray Condition Status
Value Set Version 1

Value Set Concept Details

Concept Code 385633008
Preferred Concept Name Improving
Value Set Concept Status Published
Value Set Concept Status Date 11/04/2008
Value Set Concept Description

Code System Concept Details

Code System Concept Name Improving (qualifier value)
Code System Concept Status Published
Code System Preferred Concept Name Improving
Date Created 01/31/2003
Date Revised 01/31/2009

Associated Value Sets

Value Set Name	Version(s)
Abnormal Chest X-ray Condition Status	1
Modifier or Qualifier	2, 1

6. Choose the **Code System Name** hyperlink to view all of the code system metadata, including **OID** and **HL7 Table 0396** code.

Code System Information

Code System Name SNOMED-CT
Code System OID 2.16.840.1.113883.6.96
Code System Code PH_SNOMED-CT

Code System Details | Code System Concepts

Code System Name SNOMED-CT
Code System OID 2.16.840.1.113883.6.96
HL7 Table 0396 Code SCT
Code System Code PH_SNOMED-CT
Code System Description SNOMED Clinical Terms (SNOMED CT) is an extensive clinical terminology that was formed by the merger, expansion, and restructuring of SNOMED RT® (Reference Terminology) and the United Kingdom National Health Service (NHS) Clinical Terms (also known as the Read Codes). It is the most comprehensive clinical vocabulary available in English (or any language). SNOMED CT is concept-oriented and has an advanced structure that meets most accepted criteria for a well-formed, machine-readable terminology. It has been designated as a US standard for electronic health information exchange in Interoperability Specifications produced by the Healthcare Information Technology Standards Panel and has also been adopted for use by the U.S. Federal Government, through the Consolidated Health Informatics (CHI) Initiative, for several clinical domains.
Code System Status Code Published
Code System Status Date 02/27/2009
Version Description 20090131
Acquired Date 02/11/2009
Effective Date
Expiry Date
Authority Name CAP
Assigning Authority Version Name 20090131
Assigning Authority Release Date
Distribution Source Name
Distribution Source Release Date
SDO Code System Create Date
SDO Code System Revision Date 01/31/2009
Code System URL <http://www.ihtsdo.org/>

Code System Property Reference Table

No extended properties.

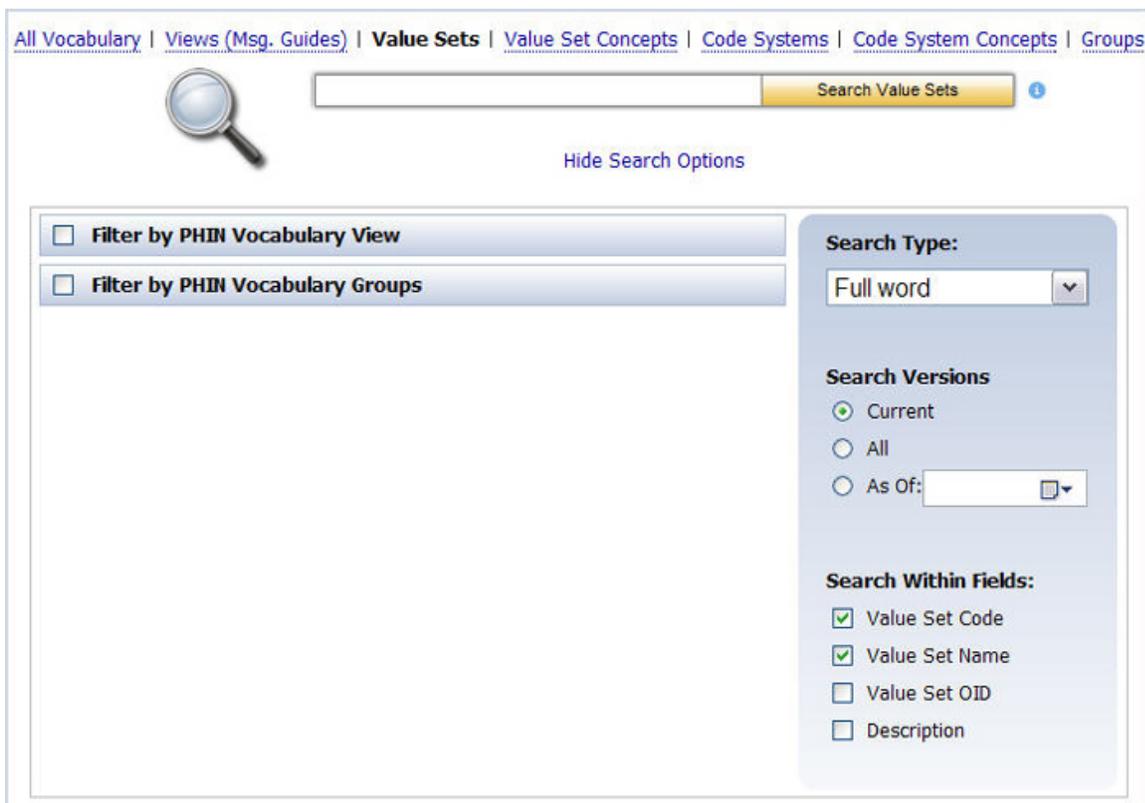
SEARCHING FOR VALUE SETS BY OID

Use the following procedure to search for value sets by OID .

1. Choose **Value Sets** on the Search page.
2. Choose **View Search Options**.



3. The **Advanced Search** options are displayed.



4. Clear the **Value Set Code** and **Value Set Name** check boxes in the **Search Within Fields** area.
5. Select the **Value Set OID** check box in the **Search Within Fields** area.
6. Enter an **OID** into the text box (if you have only a partial OID, make sure you choose *Contains* for the **Search Type**).

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | **Value Sets** | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



Hide Search Options

Filter by PHIN Vocabulary View
 Filter by PHIN Vocabulary Groups

Search Type:
 Full word

Search Versions
 Current
 All
 As Of:

Search Within Fields:
 Value Set Code
 Value Set Name
 Value Set OID
 Description

7. Click

All value sets that meet the search criteria are displayed.

[Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Views](#) | [Groups](#)



[View Search Options](#) | [Reset](#) | [Browse All Value Sets](#)

353 Value Sets found

Value Set Code	Value Set Name	Version #	Effective Date	Value Set OID
<input type="checkbox"/> PHVS_IdentityReliabilityCode_HL7_2x	Identity Reliability Code (HL7)	1	03/30/2007	2.16.840.1.114222.4.11.1000 Details
<input type="checkbox"/> PHVS_LabTestName_CDC	Lab Test Result Name	1	01/29/2009	2.16.840.1.114222.4.11.1002 Details
<input type="checkbox"/> PHVS_LabTestMethods_CDC	Observation Method	1	03/30/2007	2.16.840.1.114222.4.11.1003 Details
<input type="checkbox"/> PHVS_LabTestOrderables_CDC	Ordered Test	1	01/29/2009	2.16.840.1.114222.4.11.1004 Details

ACCESSING VALUE SET INFORMATION

After your search is complete, and you have found the value set for which you were searching, use the following procedure to access information associated with that value set.

1. Click [Details](#) for the value set for which you wish to see information.

The **Value Set Information** page for the value set is displayed, showing the metadata for the specified value set, including version history.

Value Set Information

Value Set Code	PHVS_IdentityReliabilityCode_HL7_2x	Download Value Set 
Value Set Name	Identity Reliability Code (HL7)	
Value Set OID	2.16.840.1.114222.4.11.1000	
Value Set Description	Values used to communicate information about the reliability of the person information transmitted in the message. This value set draws from User Defined table 0445-Identity Reliability Code.	

Version History

Version 1

(Current)

[Value Set Details](#) | [Value Set Concepts](#)

Value Set Version	1	
Version Description	Initial Load VADS 3.0	
Version Effective Date	03/30/2007	
Version Expiration Date		
Version Status	Published	
PHIN Vocabulary Groups	Clinical Encounter (ADT), Demographics	
PHIN Vocabulary Views	View Name	Version(s)
	All Value Sets	2, 1
	ELR - Lab Result	2, 1
	Lab Result Generic	2, 1
	Lab Test Order	2, 1
	Lab Test Order Response	2, 1

2. Choose the **PHIN Vocabulary Groups** link in the Value Set information page to view details regarding that particular Group.
3. Choose the **PHIN Vocabulary Views** link in the **Value Set information page** to view details regarding that particular View that contains the **Value Set** being searched or browsed.
4. Choose **Value Set Concepts** to view the concepts associated with the value set.

Value Set Information

Value Set Code	PHVS_IdentityReliabilityCode_HL7_2x	Download Value Set 
Value Set Name	Identity Reliability Code (HL7)	
Value Set OID	2.16.840.1.114222.4.11.1000	
Value Set Description	Values used to communicate information about the reliability of the person information transmitted in the message. This value set draws from User Defined table 0445-Identity Reliability Code.	

Version History

Version 1

(Current)

[Value Set Details](#) | [Value Set Concepts](#)



Value Set Version	1	
Version Description	Initial Load VADS 3.0	
Version Effective Date	03/30/2007	
Version Expiration Date		
Version Status	Published	
PHIN Vocabulary Groups	Clinical Encounter (ADT), Demographics	
PHIN Vocabulary Views	View Name	Version(s)
	All Value Sets	2, 1
	ELR - Lab Result	2, 1
	Lab Result Generic	2, 1
	Lab Test Order	2, 1
	Lab Test Order Response	2, 1

The concepts associated with the **Value Set** are displayed.

Value Set Information

Value Set Code	PHVS_IdentityReliabilityCode_HL7_2x	Download Value Set
Value Set Name	Identity Reliability Code (HL7)	
Value Set OID	2.16.840.1.114222.4.11.1000	
Value Set Description	Values used to communicate information about the reliability of the person information transmitted in the message. This value set draws from User Defined table 0445-Identity Reliability Code.	

Version History

◀	Version 1	▶
(Current)		

[Value Set Details](#) | [Value Set Concepts](#)

4 Value Set Concepts found ◀◀ 1 ▶▶

Select All	Clear All				Download Selected	Download All
<input type="checkbox"/>	Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	
<input type="checkbox"/>	AL	Patient/Person Name is an Alias	Patient/Person Name is an Alias	Identity Reliability Code (HL7)	Identity Reliability Code (HL7)	Details
<input type="checkbox"/>	UA	Unknown/Default Address	Unknown/Default Address	Identity Reliability Code (HL7)	Identity Reliability Code (HL7)	Details
<input type="checkbox"/>	UD	Unknown/Default Date of Birth	Unknown/Default Date of Birth	Identity Reliability Code (HL7)	Identity Reliability Code (HL7)	Details
<input type="checkbox"/>	US	Unknown/Default Social Security Number	Unknown/Default Social Security Number	Identity Reliability Code (HL7)	Identity Reliability Code (HL7)	Details

5. Click [Details](#)

The **Value Set Concept information page** for that concept is displayed.

Value Set and Code System Information

Code System Name	Identity Reliability Code (HL7)
Value Set Code	PHVS_IdentityReliabilityCode_HL7_2x
Value Set Name	Identity Reliability Code (HL7)
Value Set Version	1

Value Set Concept Details

Concept Code	AL
Preferred Concept Name	Patient/Person Name is an Alias
Value Set Concept Status	Published
Value Set Concept Status Date	10/22/2008
Value Set Concept Description	

Code System Concept Details

Code System Concept Name	Patient/Person Name is an Alias
Code System Concept Status	Published
Code System Preferred Concept Name	Patient/Person Name is an Alias
Date Created	06/23/2003
Date Revised	03/30/2007

Associated Value Sets

Value Set Name	Version(s)
Identity Reliability Code (HL7)	1

6. Choose the **Code System Name** hyperlink to view all of the code system metadata, including **OID** and **HL7 Table 0396** code.

Value Set and Code System Information

Code System Name	Identity Reliability Code (HL7)
-------------------------	---

SEARCHING FOR VALUE SET CONCEPTS

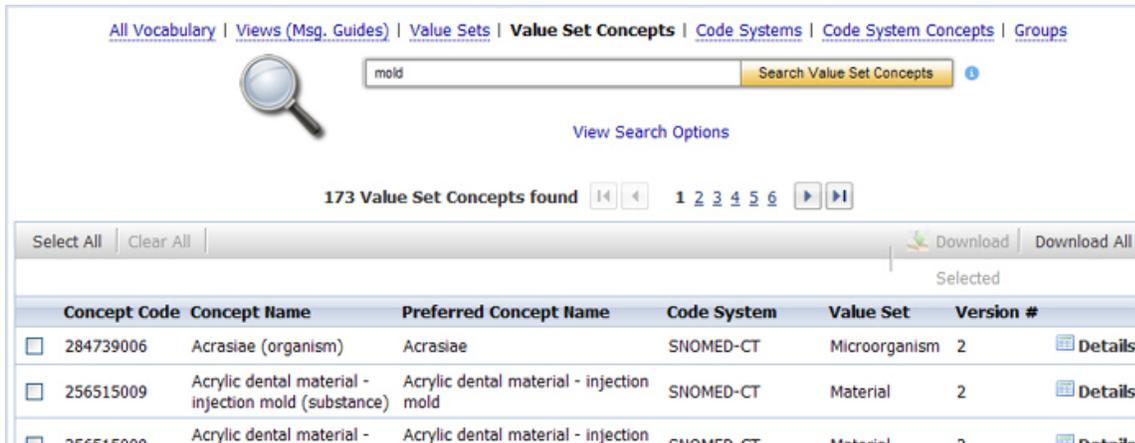
VALUE SET CONCEPTS – BASIC SEARCH

Use the following procedure to search for a value set concept .

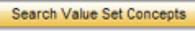
1. Click **Value Set Concepts** on the Search page.
2. Enter search text into the text box, and click



All value set concepts that meet the search criteria are displayed.



[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | **Value Set Concepts** | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



[View Search Options](#)

173 Value Set Concepts found 

Select All | Clear All |  Download |  Download All

Concept Code	Concept Name	Preferred Concept Name	Code System	Value Set	Version #	
<input type="checkbox"/> 284739006	Acrasiae (organism)	Acrasiae	SNOMED-CT	Microorganism	2	 Details
<input type="checkbox"/> 256515009	Acrylic dental material - injection mold (substance)	Acrylic dental material - injection mold	SNOMED-CT	Material	2	 Details
<input type="checkbox"/> 256515000	Acrylic dental material -	Acrylic dental material - injection	SNOMED-CT	Material	2	 Details

VALUE SET CONCEPTS – ADVANCED SEARCH

To further refine your search, use the following procedure.

1. Click **Value Set Concepts** on the Search page.
2. Click **View Search Options**.



[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | **Value Set Concepts** | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



[View Search Options](#)

3. The **Advanced Search** options are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | **Value Set Concepts** | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)

 ⓘ

[Hide Search Options](#)

Filter by PHIN Vocabulary View

Filter by PHIN Vocabulary Groups

Filter by Value Sets

Filter by Code Systems

Search Type:
 ▼

Search Versions

Current

All

As Of: ▼

Search Within Fields:

Concept Code

Concept Name

Preferred Name

Alternate Designation

4. Select the check boxes to filter your search (**PHIN Vocabulary View**, **PHIN Vocabulary Group**, **Value Sets**, and **Code Systems**).

All Vocabulary | Views (Msg. Guides) | Value Sets | **Value Set Concepts** | Code Systems | Code System Concepts | Groups

[Hide Search Options](#)

Filter by PHIN Vocabulary View

Available Views

- All Value Sets
- Animal Rabies Case Notification
- Arboviral Case Notification
- BioSense
- Commonly Downloaded Value Se

Select
↓

Remove
↑

Selected Views

Filter by PHIN Vocabulary Groups

Available Groups

- Anatomy (Body Site)
- Clinical Encounter (ADT)
- Demographics
- Disease / Clinical History / Observ
- Financial/Billing/Insurance

Select
↓

Remove
↑

Selected Groups

Filter by Value Sets

Available Value Sets

- Abnormal Chest X-ray Condition
- Abnormal Chest X-Ray Finding (T
- Abnormal Flag (HL7)
- Acknowledgment Code (HL7)
- Acute Convalescent IgG Differenc

Select
↓

Remove
↑

Selected Value Sets

Filter by Code Systems

Search Type: Full word

Search Versions:

Current

All

As Of:

Search Within Fields:

Concept Code

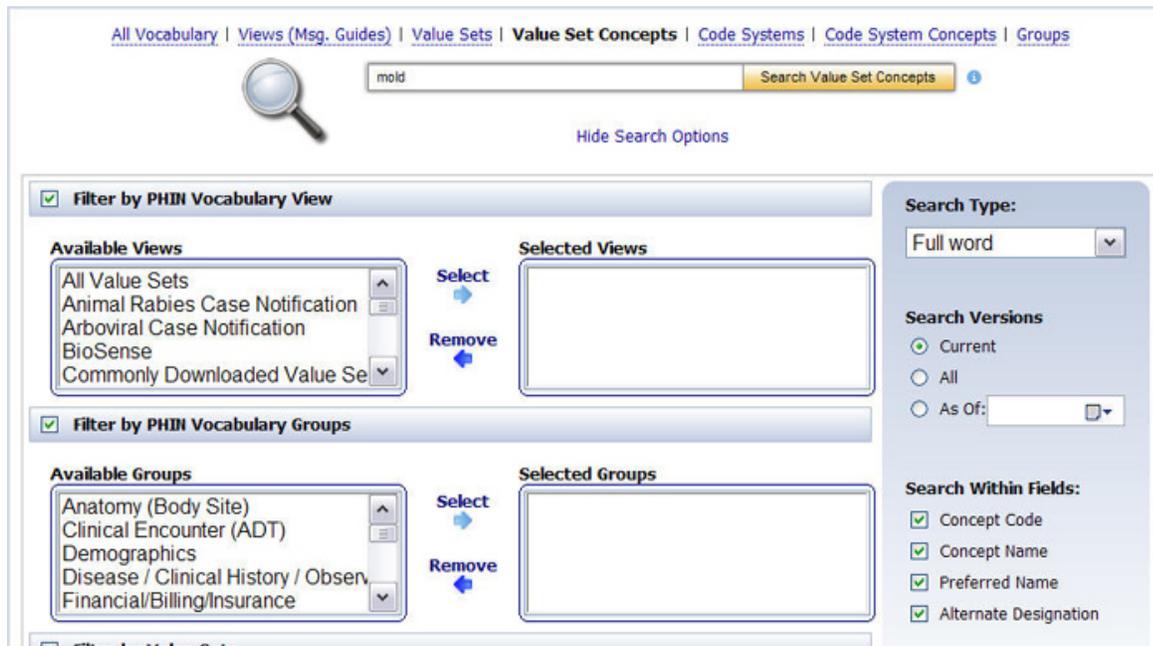
Concept Name

Preferred Name

Alternate Designation

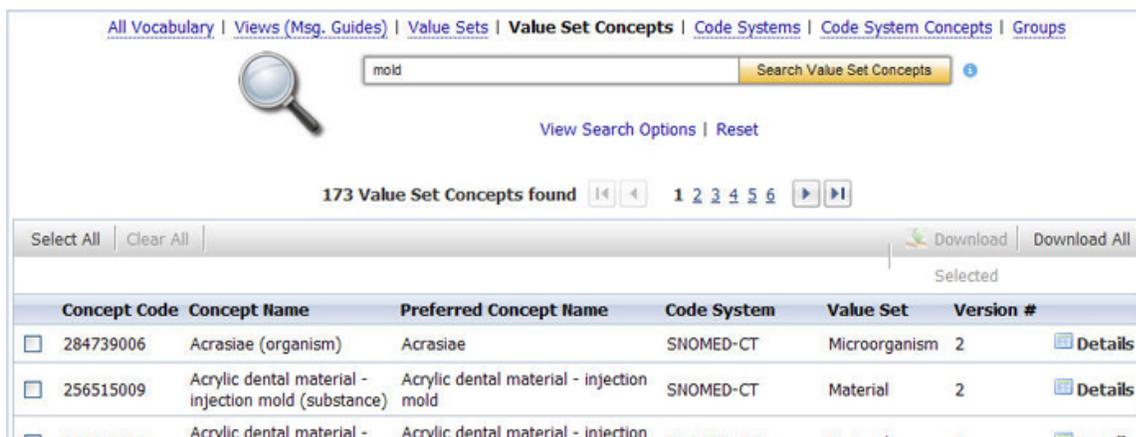
5. Choose the **Search Type** (*Full Word, Contains, Begins with, or Ends with*).
6. Choose the **Version: Current** (default), **All**, or **As of** (choose a date).
7. Choose, as appropriate, the **Search Within Fields** check boxes (**Concept Code, Concept Name, Preferred Name, and/or Alternate Designation.**)

NOTE: THE DEFAULT SEARCH TYPE IS "FULL WORD" WITHIN CONCEPT CODE AND CONCEPT NAME.



8. Enter search text into the text box, and click 

All value set concepts that meet the search criteria are displayed.



ACCESSING VALUE SET CONCEPT INFORMATION

Use the following procedure to access information associated with a value set concept.

1. Click  **Details** for the value set concept for which you wish to see information.

The **Value Set Concept information page** is displayed.

Value Set and Code System Information

Code System Name SNOMED-CT
Value Set Code PHVS_Event_CDC
Value Set Name Event
Value Set Version 2

Value Set Concept Details

Concept Code 217979005
Preferred Concept Name Accident caused by molding machine
Value Set Concept Status Published
Value Set Concept Status Date 03/03/2009
Value Set Concept Description

Code System Concept Details

Code System Concept Name Accident caused by molding machine (event)
Code System Concept Status Published
Code System Preferred Concept Name Accident caused by molding machine
Date Created 01/29/2002
Date Revised 01/31/2006

Associated Value Sets

Value Set Name	Version(s)
Event	2, 1

2. Click the **Code System Name** hyperlink to view all of the code system metadata , including OID, and HL7 Table 0396 code.
3. Click the **Code System Concept Name** hyperlink to view all of the concept metadata, including extended properties and relationships.

SEARCHING FOR CODE SYSTEMS

Use the following procedure to search for a code system.

1. Click **Code Systems** on the Search page.

2. Enter search text into the text box, and click

Search Code Systems

All value sets that meet the search criteria are displayed.

The screenshot shows the 'Search Code Systems' interface. At the top, there are navigation links: [All Vocabulary](#), [Views \(Msg. Guides\)](#), [Value Sets](#), [Value Set Concepts](#), **Code Systems**, [Code System Concepts](#), and [Groups](#). Below these is a search bar with a magnifying glass icon and a 'Search Code Systems' button. There are also links for 'View Search Options' and 'Browse All Code Systems'. Below the search bar, it says '116 Code Systems found' with pagination controls. The main content is a table with the following columns: Code System Code, Code System Name, Code System OID, and a 'Details' link.

Code System Code	Code System Name	Code System OID	
PH_AbnormalFlag_HL7_2x	Abnormal flags (HL7)	2.16.840.1.113883.12.78	Details
PH_AcknowledgmentCode_HL7_2x	Acknowledgment code (HL7)	2.16.840.1.113883.12.8	Details
PH_ActCode_HL7_V3	Act Code (HL7)	2.16.840.1.113883.5.4	Details
PH_AdditiveOrPreservative_HL7_2x	Additive (HL7)	2.16.840.1.113883.12.371	Details
PH_AddressType_HL7_2x	Address Type (HL7)	2.16.840.1.113883.12.100	Details

NOTE: IF YOUR SEARCH RESULTS DO NOT INCLUDE THE CODE SYSTEM FOR WHICH YOU ARE SEARCHING, USE THE [BROWSE ALL CODE SYSTEMS PROCEDURE](#) TO SEE ALL CODE SYSTEMS.

CODE SYSTEMS – ADVANCED SEARCH

To further refine your search, use the following procedure.

1. Click **Code Systems** on the Search page.
2. Click **View Search Options**.



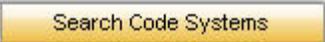
3. The **Advanced Search** options are displayed.



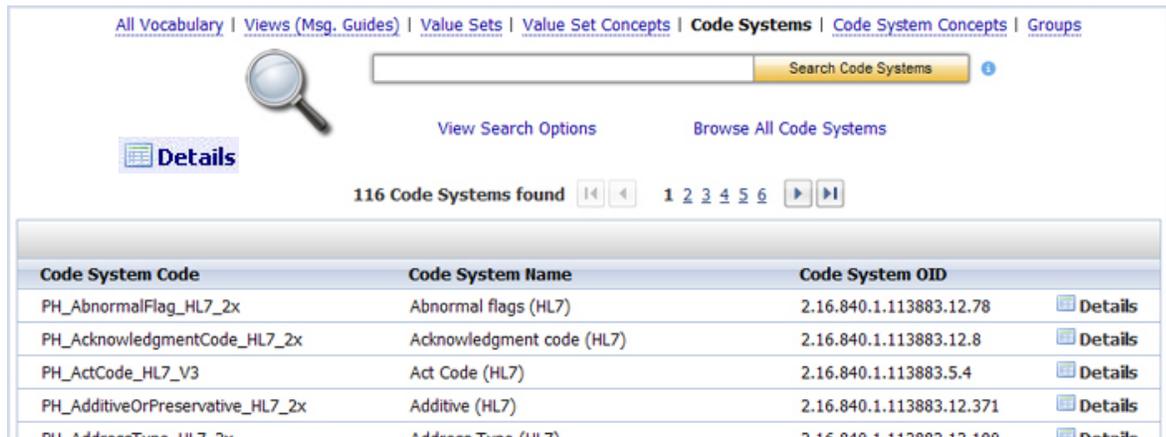
4. Choose the **Search Type** (*Full Word, Contains, Ends with, or Begins with*).
5. Choose, as appropriate, the **Search Within Fields** check boxes (**Code System Code, Code System Name, OID, Definition, Assigning Authority, HL7 Table 0396**).

NOTE: THE DEFAULT IS A SEARCH BY CODE SYSTEM CODE AND CODE SYSTEM NAME.

6. Select the boxes you wish to use as search parameters.

- Enter search text into the text box, and click 

All code systems that meet the search criteria are displayed.



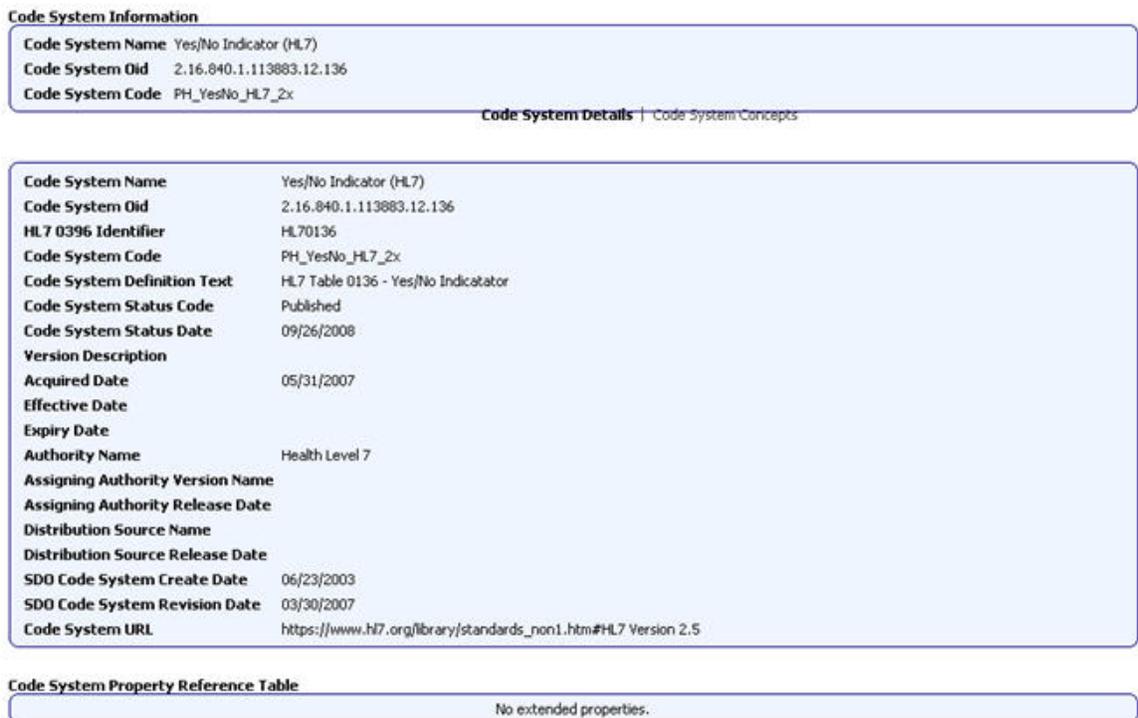
Code System Code	Code System Name	Code System OID	
PH_AbnormalFlag_HL7_2x	Abnormal flags (HL7)	2.16.840.1.113883.12.78	 Details
PH_AcknowledgmentCode_HL7_2x	Acknowledgment code (HL7)	2.16.840.1.113883.12.8	 Details
PH_ActCode_HL7_V3	Act Code (HL7)	2.16.840.1.113883.5.4	 Details
PH_AdditiveOrPreservative_HL7_2x	Additive (HL7)	2.16.840.1.113883.12.371	 Details
PH_AddressType_HL7_2x	Address Type (HL7)	2.16.840.1.113883.12.100	 Details

ACCESSING CODE SYSTEM INFORMATION

After your search is complete, and you have found the code system for which you were searching, use the following procedure to access information associated with that code system.

- Choose for the code system for which you wish to see information.

The **Code System Information** page for the code system is displayed, showing the metadata for the specified code system



Code System Information

Code System Name: Yes/No Indicator (HL7)
 Code System Oid: 2.16.840.1.113883.12.136
 Code System Code: PH_YesNo_HL7_2x

[Code System Details](#) | [Code System Concepts](#)

Code System Name	Yes/No Indicator (HL7)
Code System Oid	2.16.840.1.113883.12.136
HL7 0396 Identifier	HL70136
Code System Code	PH_YesNo_HL7_2x
Code System Definition Text	HL7 Table 0136 - Yes/No Indicator
Code System Status Code	Published
Code System Status Date	09/26/2008
Version Description	
Acquired Date	05/31/2007
Effective Date	
Expiry Date	
Authority Name	Health Level 7
Assigning Authority Version Name	
Assigning Authority Release Date	
Distribution Source Name	
Distribution Source Release Date	
SDO Code System Create Date	06/23/2003
SDO Code System Revision Date	03/30/2007
Code System URL	https://www.hl7.org/library/standards_non1.htm#HL7 Version 2.5

Code System Property Reference Table

No extended properties.

- Choose **Code System Concepts** to view the concepts associated with the code system.

Code System Information

Code System Name Yes/No Indicator (HL7)
 Code System Oid 2.16.840.1.113883.12.136
 Code System Code PH_YesNo_HL7_2x

Code System Details | **Code System Concepts**

2 Code System Concepts found [1] [4] [1] [2] [3]

Concept Code	Concept Name	Preferred Concept Name	Code System	
N	No	No	Yes/No Indicator (HL7)	Details
Y	Yes	Yes	Yes/No Indicator (HL7)	Details

- Choose **Details** for a concept code to view code system information.

The **Code System Concept Details page** is displayed.

Code System Information

Code System Name Administrative sex (HL7)
 Code System Code PH_AdministrativeSex_HL7_2x
 Code System Oid 2.16.840.1.113883.12.1
 Table 396 HL70001

Code System Concept Details

Code System Concept Code A
 Code System Concept Name Ambiguous
 Code System Preferred Concept Name Ambiguous
 Code System Concept Status Published
 Date Created 06/23/2003
 Date Revised 03/30/2007
 Definition

Extended Properties
 No extended properties.

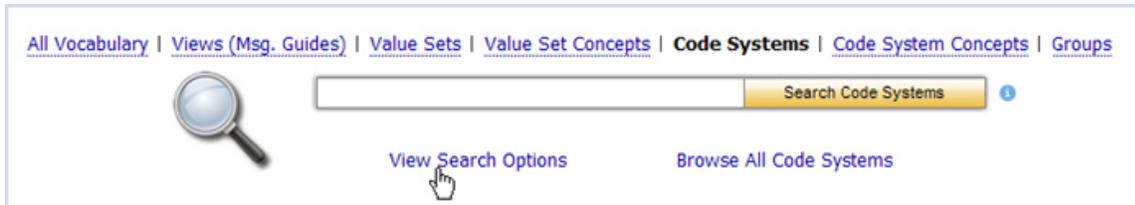
Relationships (parent-child)
 No parent/child relationships.

Concept Alternate Designations
 No alternate designations.

SEARCHING FOR CODE SYSTEMS BY OID

Use the following procedure to search for code systems by OID .

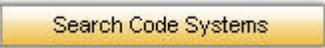
- Click **Code Systems** on the Search page.
- Click **View Search Options**.



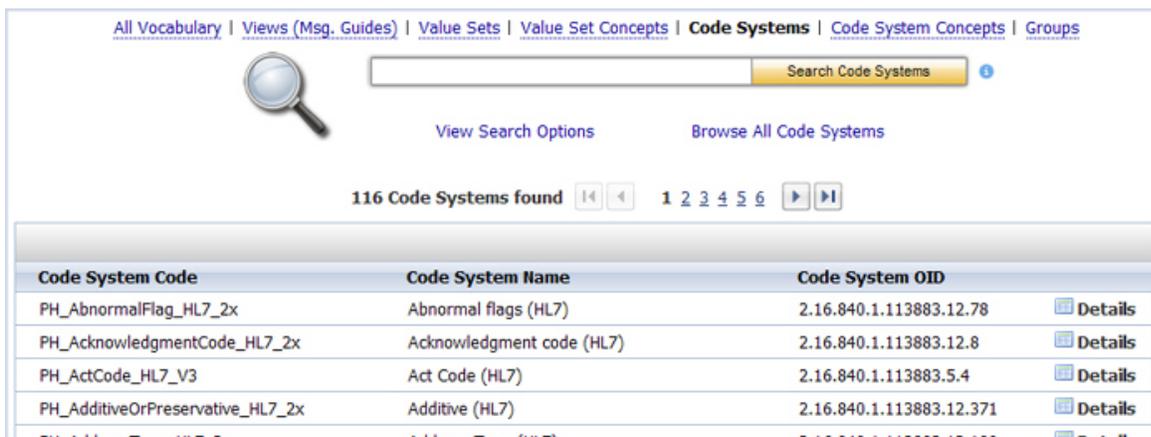
3. The **Advanced Search** options are displayed.



4. Clear any selected check boxes. Select the **OID** check box in the **Search Within Fields** area.

5. Enter the **OID** into the text box (if you have only a partial OID, make sure you choose *Contains* for the **Search Type**) and click 

All code systems that meet the search criteria are displayed.



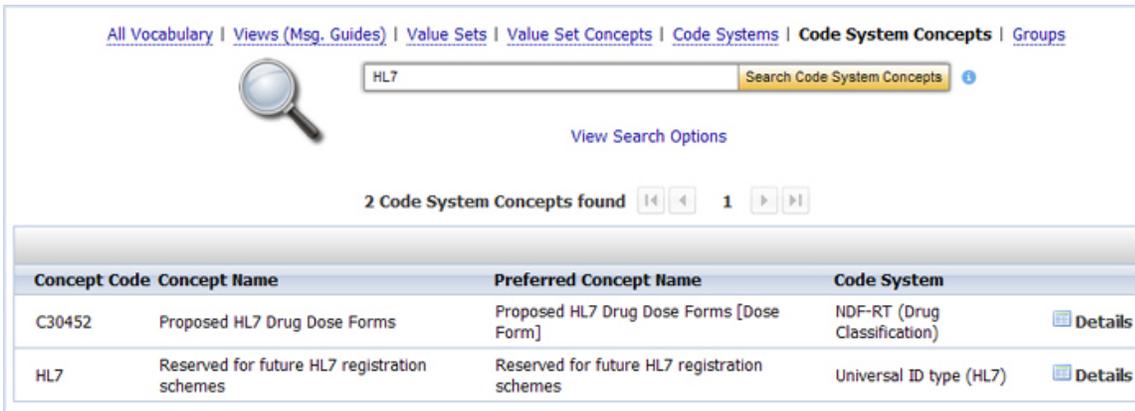
SEARCHING FOR CODE SYSTEM CONCEPTS

CODE SYSTEM CONCEPTS – BASIC SEARCH

Use the following procedure to search for a code system concept.

1. Choose **Code System Concepts** on the Search page.
2. Enter search text into the text box, and click 

All code system concepts that meet the search criteria are displayed.



[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | **Code System Concepts** | [Groups](#)

 [Search Code System Concepts](#) ⓘ

[View Search Options](#)

2 Code System Concepts found 

Concept Code	Concept Name	Preferred Concept Name	Code System	
C30452	Proposed HL7 Drug Dose Forms	Proposed HL7 Drug Dose Forms [Dose Form]	NDF-RT (Drug Classification)	Details
HL7	Reserved for future HL7 registration schemes	Reserved for future HL7 registration schemes	Universal ID type (HL7)	Details

CODE SYSTEM CONCEPTS – ADVANCED SEARCH

To further refine your search, use the following procedure.

1. Click **Code System Concepts** on the Search page.
2. Click **View Search Options**.



[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | **Code System Concepts** | [Groups](#)

 [Search Code System Concepts](#) ⓘ

[View Search Options](#)

3. The **Advanced Search** options are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | **Code System Concepts** | [Groups](#)


 Search Code System Concepts

Hide Search Options

Filter by Code Systems

Search Type:
 Full word

Search Within Fields:
 Concept Code
 Concept Name
 Preferred Concept Name
 Alternate Designation
 Description

- Choose the **Search Type** (*Full Word, Contains, Ends with, or Begins with*).
- Select, as appropriate, the check boxes for your search. These check boxes allow you to filter your search by **Code System**, and then to search by **Concept Code**, **Concept Name**, **Preferred Name**, and **Alternate Name**.

NOTE: THE DEFAULT SEARCH TYPE IS "FULL WORD" WITHIN CONCEPT CODE OR CONCEPT NAME.

- Enter search text into the text box, and click

All code system concepts that meet the search criteria are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | **Code System Concepts** | [Groups](#)


 Search Code System Concepts

View Search Options

2 Code System Concepts found ◀◀ 1 ▶▶

Concept Code	Concept Name	Preferred Concept Name	Code System	
C30452	Proposed HL7 Drug Dose Forms	Proposed HL7 Drug Dose Forms [Dose Form]	NDF-RT (Drug Classification)	 Details
HL7	Reserved for future HL7 registration schemes	Reserved for future HL7 registration schemes	Universal ID type (HL7)	 Details

ACCESSING CODE SYSTEM CONCEPT INFORMATION

Use the following procedure to access information associated with a code system concept.

- Click  **Details** for the code system concept for which you wish to see information.

The **Code System Concepts information page** is displayed.

Code System Information

Code System Name [Act Code \(HL7\)](#)
Code System Code [PH_ActCode_HL7_V3](#)
Code System OID [2.16.840.1.113883.5.4](#)
Table 396

Code System Concept Details

Code System Concept Code [_HL7AccommodationCode](#)
Code System Concept Name [HL7AccommodationCode](#)
Code System Preferred Concept Name [HL7AccommodationCode](#)
Code System Concept Status [Published](#)
Date Created
Date Revised [08/26/2008](#)
Definition [<p>Description: Accommodation type. In Intent mood, represents the accommodation type requested. In Event mood, represents accommodation assigned/used. In Definition mood, represents the available accommodation type. </p>](#)

Extended Properties

No extended properties.

Relationships (parent-child)

No parent/child relationships.

Concept Alternate Designations

No alternate designations.

Associated Value Sets

No associated value sets.

2. Click the **Code System Name** hyperlink to view all of the code system metadata , including OID and **HL7 Table 0396** code.
3. Click the **Code System Concept Name** hyperlink to view all of the concept metadata, including extended properties and relationships.

SEARCHING VIEWS

PHIN VADS offers several ways to search for a view.

What would you like to do?

[Perform a basic search from the Search page](#)

[Perform an advanced search from the Search page](#)

PERFORM A BASIC SEARCH FROM THE SEARCH PAGE

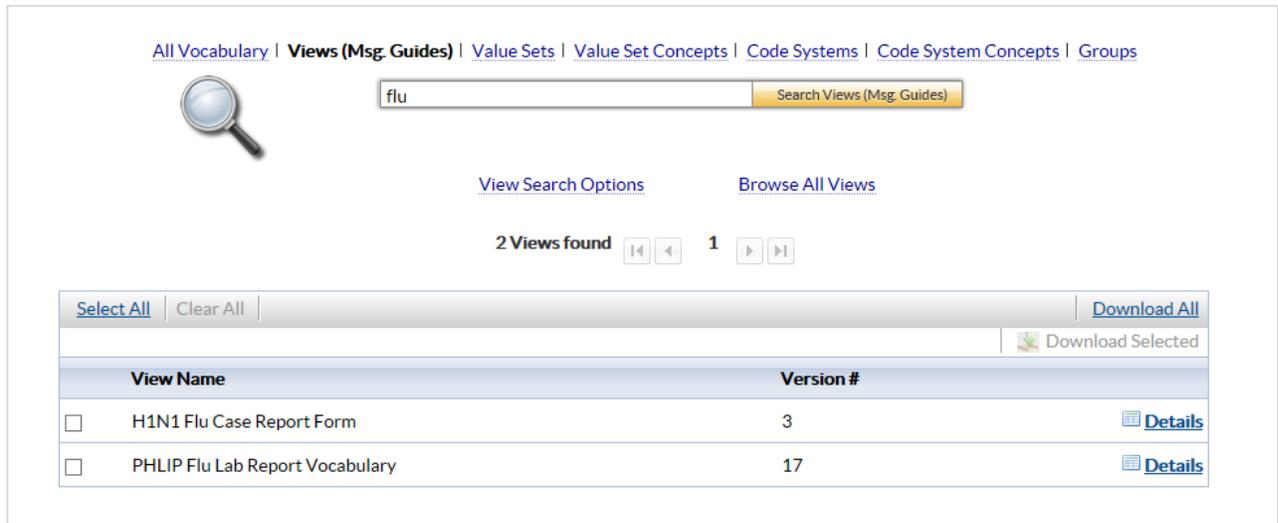
Use the following procedure to perform a basic search for a view from the **Search** page.

1. Choose **Views (Msg. Guides)** on the **Search** page.

2. Enter search text into the text box and click 

All views that meet the search criteria are displayed.

NOTE: IF YOUR SEARCH RESULTS DO NOT INCLUDE THE VIEW YOU ARE SEEKING, USE THE [BROWSE ALL VIEWS](#) FUNCTION.



The screenshot shows a search interface with a navigation bar at the top containing links: [All Vocabulary](#), [Views \(Msg. Guides\)](#), [Value Sets](#), [Value Set Concepts](#), [Code Systems](#), [Code System Concepts](#), and [Groups](#). Below the navigation bar is a search box containing the text 'flu' and a yellow button labeled 'Search Views (Msg. Guides)'. To the left of the search box is a magnifying glass icon. Below the search box are two links: [View Search Options](#) and [Browse All Views](#). Below these links is a status bar that reads '2 Views found' followed by navigation arrows and the number '1'. Below the status bar is a table with columns 'View Name' and 'Version #'. The table contains two rows: 'H1N1 Flu Case Report Form' with version '3' and 'PHLIP Flu Lab Report Vocabulary' with version '17'. Each row has a checkbox on the left and a 'Details' link on the right. Above the table are buttons for 'Select All', 'Clear All', and 'Download All'. Below the table is a 'Download Selected' button.

PERFORM AN ADVANCED SEARCH FROM THE SEARCH PAGE

Use the following procedure to perform an advanced search for a view from the **Search** page.

1. Choose **Views (Msg. Guides)** on the **Search** page.
2. Choose **View Search Options**.



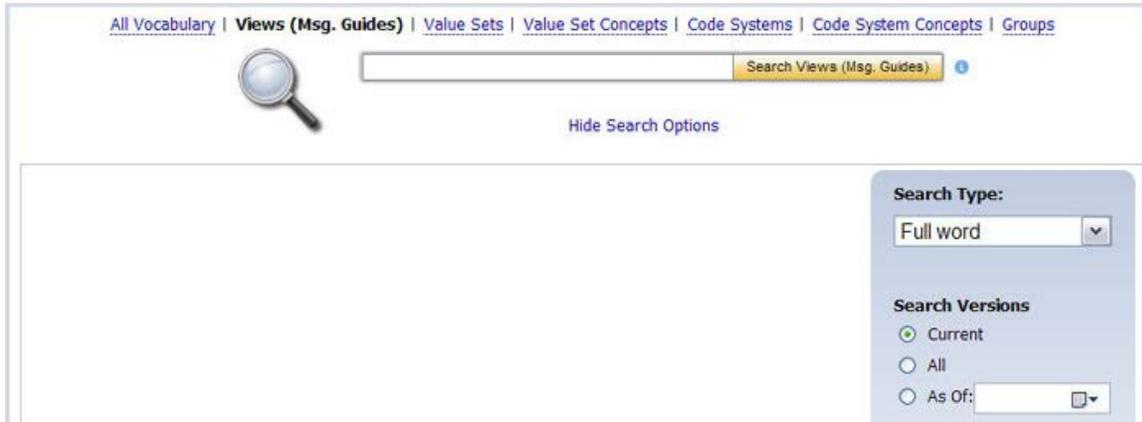
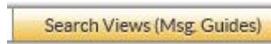
The screenshot shows the search interface with the navigation bar at the top. The search box is empty. Below the search box are two links: [View Search Options](#) and [Reset](#). Below these links is a button labeled [Browse All Views](#). A mouse cursor is pointing at the [View Search Options](#) link.

The **Advanced Search** options are displayed.

3. Choose the **Search Type** (*Full Word, Contains, Ends with, or Begins with*).
4. Choose the **Search Version**. You can perform a search for previous versions by using the **Date Selector**  in the **As Of** option.

NOTE: THE DEFAULT IS A SEARCH BY **SEARCH TYPE FULL WORD** AND **SEARCH VERSION CURRENT**.

5. Enter search text into the text box, and click



All views that meet the search criteria are displayed.

[All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)



flu Search Views (Msg. Guides)

[View Search Options](#) | [Reset](#)

[Browse All Views](#)

6 Views found 1

View Name		Version #	
<input type="checkbox"/>	Influenza Summary Case Notification	2	Details
<input type="checkbox"/>	Influenza Individual Case Notification	2	Details
<input type="checkbox"/>	Influenza Associated Pediatric Mortality Case Notification	2	Details
<input type="checkbox"/>	H1N1 Flu Case Report Form	3	Details
<input type="checkbox"/>	NHSN Patient Influenza Vaccination - Release 5	1	Details
<input type="checkbox"/>	PHLIP Flu Lab Report Vocabulary	17	Details

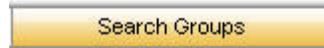
SEARCHING GROUPS

GROUPS – BASIC SEARCH

Use the following procedure to search for a group.

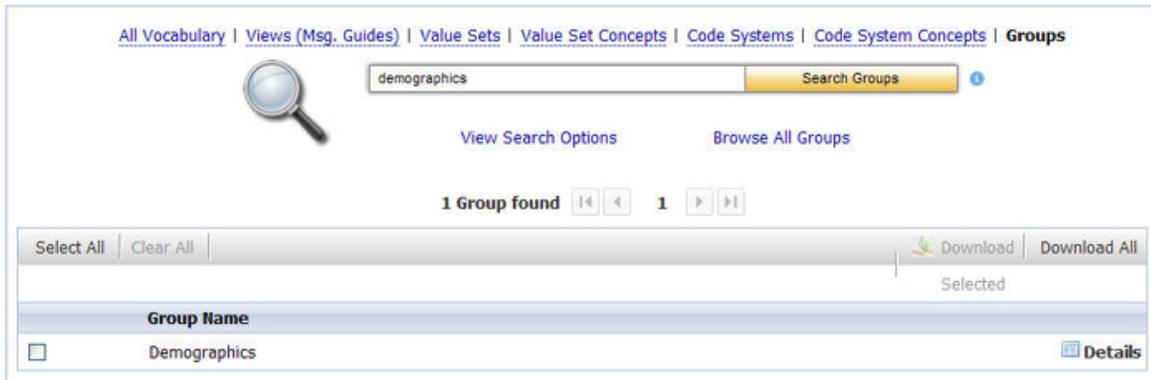
1. Click **Groups** on the Search page.

2. Enter search text into the text box and click



All groups that meet the search criteria are displayed.

NOTE: IF YOUR SEARCH RESULTS DO NOT INCLUDE THE GROUP FOR WHICH YOU ARE SEARCHING, USE THE [BROWSE ALL GROUPS PROCEDURE](#) TO SEE ALL GROUPS.



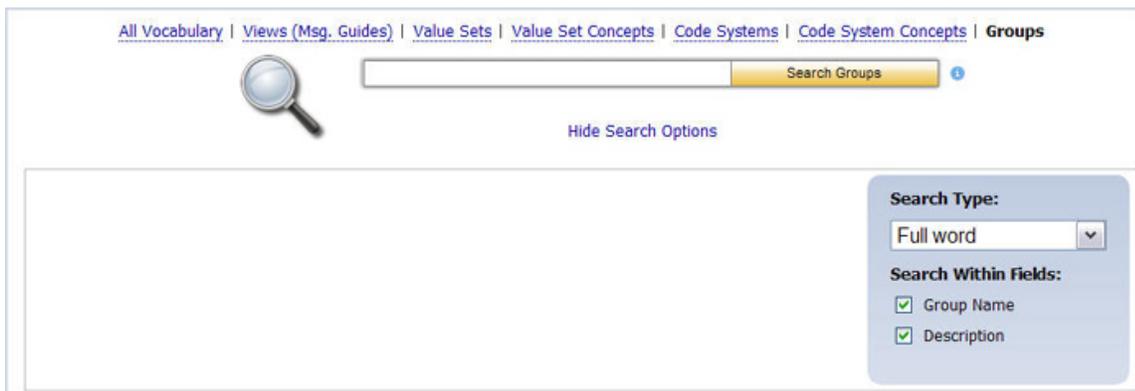
GROUPS – ADVANCED SEARCH

To further refine your search, use the following procedure.

1. Click **Groups** on the Search page.
2. Click **View Search Options**.



3. The **Advanced Search** options are displayed.

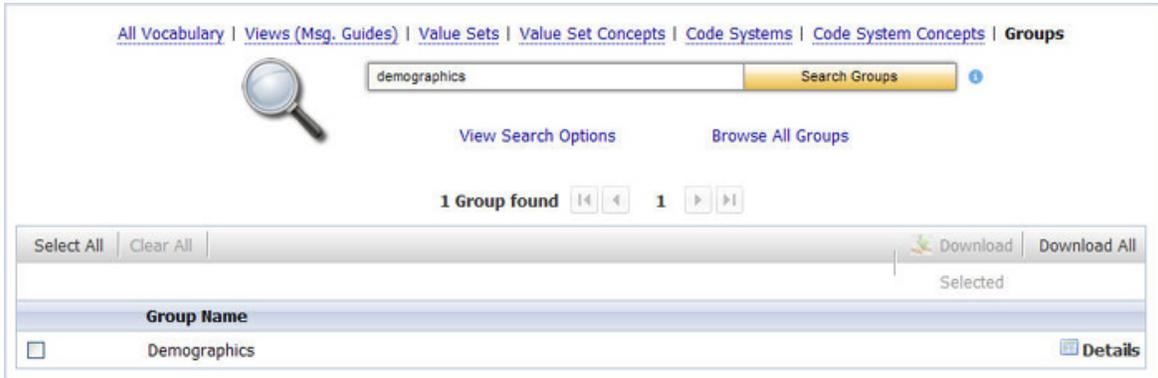


4. Choose the **Search Type** (*Full Word, Contains, Ends with, or Begins with*).
5. Choose the **Search Within Fields** option (**Group Name** or **Definition**).

NOTE: THE DEFAULT IS A SEARCH BY SEARCH TYPE FULL WORD AND SEARCH WITHIN FIELDS GROUP NAME.

6. Enter search text into the text box and click 

All groups that meet the search criteria are displayed.



FAQS

[What is PHIN VADS?](#)

[What is a Vocabulary Object?](#)

[What is a Value Set?](#)

[What is a Code System?](#)

[What is a Code System Concept?](#)

[What is a View?](#)

[What is a Group?](#)

[What is View Search Options?](#)

[What is the Details link?](#)

[What is Value Set Versioning?](#)

[What is the function of *Browse All*?](#)

WHAT IS PHIN VADS?

PHIN VADS is the Public Health Information Network (PHIN) Vocabulary Access and Distribution System (VADS). PHIN VADS is a vocabulary server which allows CDC programs and Public Health Partners to browse, search, and download vocabularies required for PHIN messaging and applications which are needed for Public Health Surveillance. PHIN VADS primary focus is to be the distribution source for vocabularies based on the Consolidated Health Informatics standards.

WHAT IS A VOCABULARY OBJECT?

A *Vocabulary Object* represents one of six types of vocabularies: Value Sets, Value Set Concepts, Code Systems, Code System Concepts, Views (Msg. Guides), and Groups.

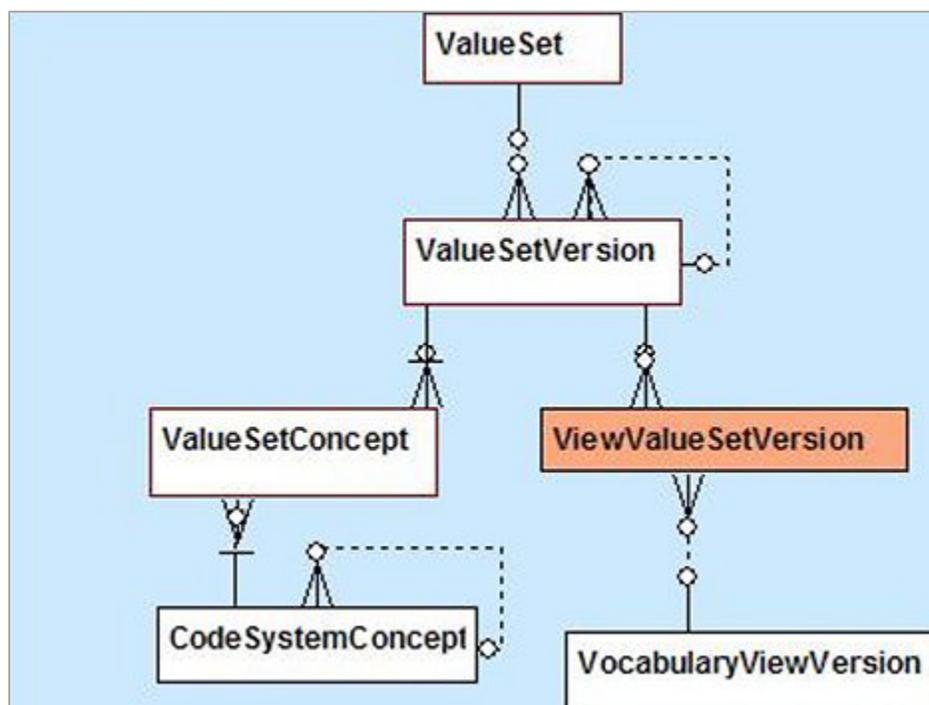
WHAT IS A VALUE SET?

A *value set* is a collection of concepts from one or more code systems grouped together for a specific purpose (e.g., Body Site).

HL7 Version 3 Core Principles Definition:

A Value Set represents a uniquely identifiable set of valid concept representations, where any concept representation can be tested to determine whether or not it is a member of the value set.

The following is a graphical depiction of the **PHIN VADS** Value Set model.



WHAT IS A VALUE SET CONCEPT?

A *value set concept* is the code and name for a concept as used in a value set (e.g. Arm, Leg).

WHAT IS A CODE SYSTEM?

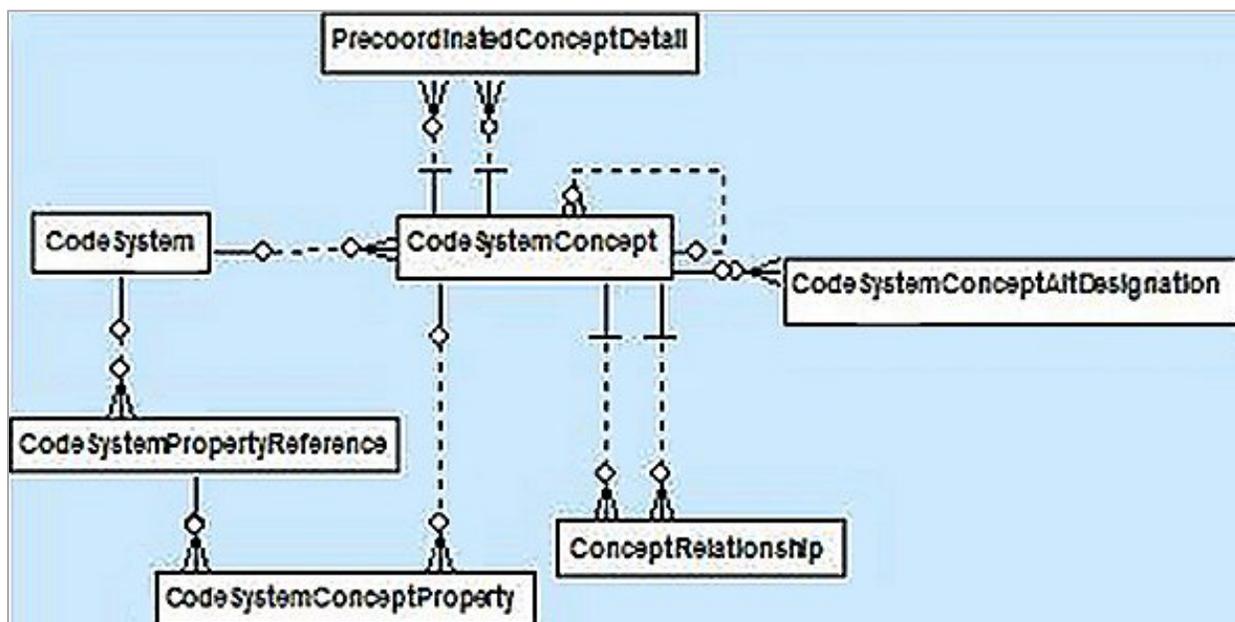
A *code system* is a collection of concepts from a vocabulary standard (e.g. HL7, ICD-9).

HL7 Version 3 Core Principles Definition:

A *code system* is a managed collection of concept identifiers, usually codes, but sometimes more complex sets of rules and references. They are often described as collections of uniquely identifiable concepts with associated representations, designations, associations, and meanings. Examples of code systems include **ICD-9 CM**, **SNOMED CT**, **LOINC**, and **CPT**. To meet the requirements of a code system as defined by **HL7**, a given concept representation must resolve to one and only one meaning within the code system. In the terminology model, a code system is represented by the **Code System** class. Code systems are often referred to as terminologies, vocabularies, or coding schemes.

Code System Concepts are used to develop Value Sets.

The following is a graphical depiction of the **PHIN VADS Code System model**.



WHAT IS A CODE SYSTEM CONCEPT?

A *code system concept* is a vocabulary standard's code and description for a concept as used in a codes system (e.g. ICD-9 = 487.0, Influenza).

HL7 Version 3 Core Principles Definition:

A concept defines a unitary mental representation of a real or abstract thing; an atomic unit of thought. It should be unique in a given code system. A concept may have synonyms in terms of representation and it may be a primitive or compositional term.

WHAT IS A VIEW?

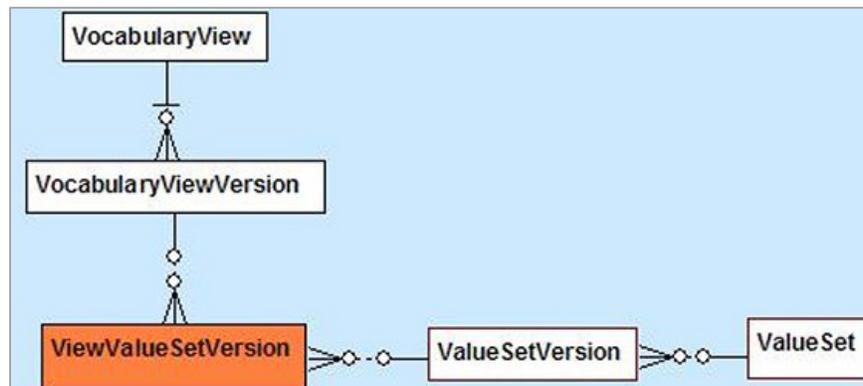
A view is a collection of value sets used by an implementation guide, e.g., **TB** , **HAI** . A view can also be referred to as the **Implementation Guide vocabulary**, which includes the value sets associated with a **Message Mapping Guide** or a **CDA Implementation Guide**. Views are used mainly for indexing the value sets in **PHIN VADS**.

Examples:

(a) Tuberculosis Message Mapping Guide Vocabulary View

(b) Healthcare Associated Infection CDA Implementation Guide Vocabulary View

The following is a graphical depiction of the **PHIN VADS** View model.



WHAT IS A GROUP?

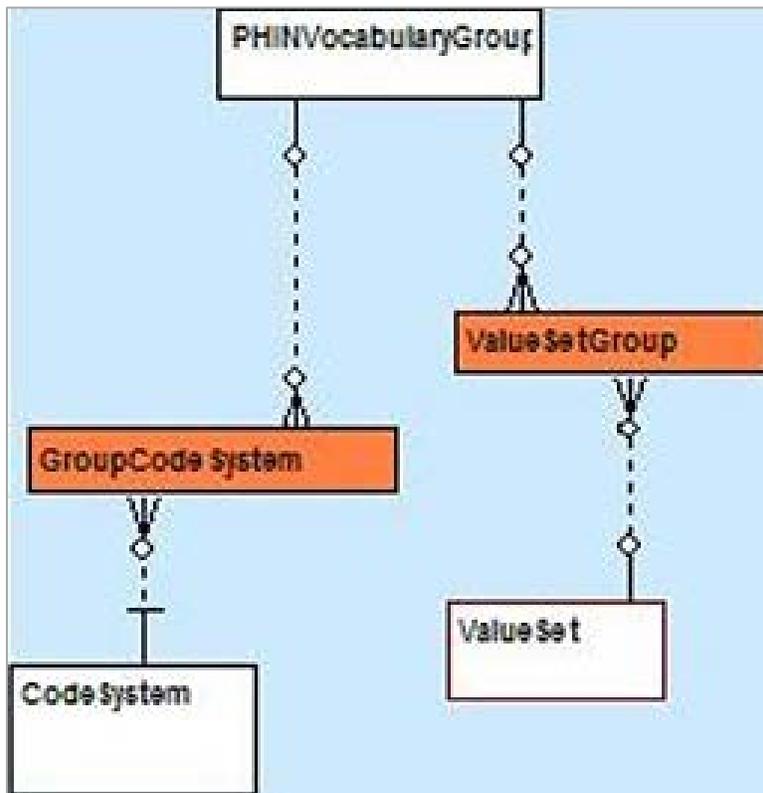
A group is a collection of like value sets categorized by a subject or theme. **PHIN Vocabulary Groups** are used mainly for indexing the value sets in **PHIN VADS**.

Examples:

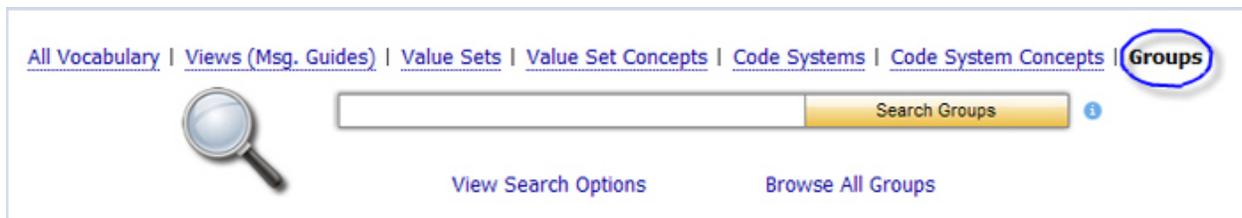
(a) The **Demographics** group will contain all of the value sets related to demographics such as *Countries*, *Counties*, *Cities*, *Sex*, etc.

(b) The **Laboratory** group will contain all of the value sets related to Lab tests and results such as *specimen or sample type*, *Hepatitis Lab Tests*, *Microorganism*, etc.

The following is a graphical depiction of the **PHIN VADS Group model**.



NOTE: VALUE SETS IN PHIN VADS HAVE A RELATIONSHIP TO ONE OR MORE PHIN VOCABULARY GROUPS. PHIN VADS USERS CAN BROWSE, SEARCH, AND DOWNLOAD THE VALUE SETS ASSOCIATED WITH EACH PHIN VOCABULARY GROUP BY CHOOSING THE **GROUPS** LINK.

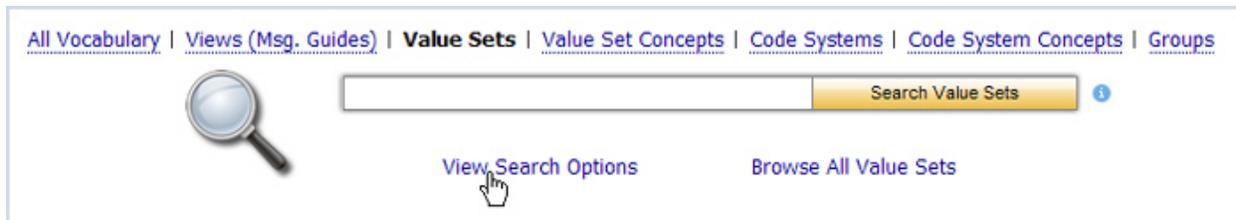


WHAT IS VIEW SEARCH OPTIONS?

The **View Search Options** link expands the Search page to show the **Search Options** pane, displaying all of the options and settings that apply to the existing search, such as search type, fields to be searched, object filters, among others. You can change the settings in the **Search Options** pane to tailor the search to your individual preferences by selecting or de-selecting specific fields or filter criteria, narrowing or widening your search according to your wishes.

The picture below is of the location of the View Search Options link on the Search page.

The **View Search Options** link works like a toggle switch. Once it is clicked and the Search Options pane is displayed, the link changes from **View Search Options** to **Hide Search Options**. Choosing the **Hide Search Options** link hides (collapses) the **Search Options** pane, and all changed or updated settings are preserved and applied to subsequent searches.



When you choose this link, the page expands to show your options for focusing or narrowing your search for a given object. The picture below is of the **Advance Search** option for **Value Sets**.



In this case, you can filter first by vocabulary view or by vocabulary group, and then further refine your search by specifying **Search Type**, **Search Version**, and **Search Within Fields**.

NOTE: NOT EVERY OBJECT HAS A SET OF ADVANCED SEARCH OPTIONS THIS EXTENSIVE. EACH SET OF OPTIONS IS BASED ON WHAT IS APPROPRIATE FOR THAT OBJECT.

Search Type defaults to *Full word*, which means that the search is for the entire text as you entered it in the text box on the Search page. Other options include *Contains* (searches for the

text as any part of an object), *Begins with* (searches for objects that begin with the text in the text box), and *Ends with* (searches for objects that end with the text in the text box).

Search Version allows you to specify that you wish to search for only the current version, for all versions - both current and previous, or that you would prefer to search only for a previous version. To search for a previous version, use the **Date Selector** to specify a date. The system will return the active or latest version of the object as of that date.

Search Within Fields allows you to narrow your search to specific columns in the database specific to the object.

To reset the search options to the application defaults, first choose **Hide Search Options**, and then choose the **Reset** link.

NOTE: THE **RESET** LINK IS DISPLAYED ONLY IF THE SEARCH OPTIONS ARE NOT THE APPLICATION DEFAULTS AND THE **SEARCH OPTIONS** PANE IS HIDDEN (COLLAPSED).

NOTE: THE **SEARCH OPTIONS** PANE IS SPECIFIC TO EACH OBJECT TYPE, SUCH AS VALUE SET, VALUE SET CONCEPT, CODE SYSTEM, CODE SYSTEM CONCEPT, VIEW OR GROUP. CHANGING **SEARCH OPTIONS** FOR ONE OBJECT TYPE (SUCH AS VALUE SET) WILL NOT AFFECT THE **SEARCH OPTIONS** FOR ANOTHER OBJECT TYPE, SUCH AS VIEW OR VALUE SET CONCEPT. THE **RESET** LINK IS ALSO SPECIFIC TO EACH OBJECT TYPE; FOR INSTANCE, RESETTING VALUE SET SEARCH OPTIONS WILL NOT RESET VIEW SEARCH OPTIONS (AND VICE VERSA).

WHAT IS SEARCH TYPE: *FULL WORD*?



Full word search allows the user to search with a complete word or full word.

Examples:

If the user searches for "new," the user obtains search results such as "New York," "New Jersey," and "New Hampshire."

If the user searches for "Jersey," the user obtains search results such as "New Jersey."

If the user searches for "ICD" in the Code System search, the user will obtain "ICD-9 CM, Volume 1&2," "ICD-9 CM, Volume 3," and "International Classification of Diseases revision 10 (ICD 10 - WHO)" because symbols such as dashes and underlines act as wild cards, just like spaces and other white space.

WHAT IS THE DETAILS LINK?

The **Details** link is found on the Search Results page in the right hand column of the page. Each **Details** link has a corresponding object.

The screenshot shows a search interface with the following elements:

- Navigation links: [All Vocabulary](#) | [Views \(Msg. Guides\)](#) | [Value Sets](#) | [Value Set Concepts](#) | [Code Systems](#) | [Code System Concepts](#) | [Groups](#)
- Search bar: Search Views (Msg. Guides)
- Buttons: View Search Options, Browse All Views
- Status: 28 Views found
- Table with columns: View Name, Version #, Details

The link takes you to an Information page (called the Object Detail page) that provides additional metadata, including child objects (if applicable), for the corresponding vocabulary object.

The Object Detail page displays the following information:

Value Set Information [Download Value Set](#)

- Value Set Code:** PHV5_XRayBasedPatientCondition_NND
- Value Set Name:** Abnormal Chest X-ray Condition Status
- Value Set OID:** 2.16.840.1.114222.4.11.1060
- Value Set Version:** 3

Version History

- Version 3 (Current)

Value Set Details | [Value Set Concepts](#)

Version Description: Initial Load VADS 3.0 Version Test

Version Effective Date: 03/30/2007

Version Expiration Date:

Definition: Patient's condition based on abnormal Chest X-ray results

Version Status: Published

PHIN Vocabulary Groups:

PHIN Vocabulary Views:

On the Object Detail page, objects with versioning such as Value Sets and Views (Msg. Guides) display the current version by default. The **Version History** pane shows the current version number; in addition, any metadata that is version-dependent (such as Version Effective Date) will be derived from the current version and displayed on the page.

If an object has multiple versions, a previous version can be viewed by navigating to a different version within the Version History pane using the arrow buttons. When a different version is selected, the corresponding information specific to that version is updated on the page.

WHAT IS VALUE SET VERSIONING?

Versioning is implemented at the Views (Msg. Guides) and Value Set levels. For results with multiple versions, the interface displays the most current version by default on the **Value Set** or **Vocabulary View Object Detail page**. It is possible to view previous value set versions.

Version history provides the different version numbers available for value sets or views.



Use the **Version History** controls to navigate between versions.

WHAT IS THE FUNCTION OF BROWSE ALL?

The **Browse All** link can be found on the Value Sets, Code Systems, Views (Msg. Guides), and Groups search pages.



Choose this link to see a Search Results page showing all the value sets, code systems, views, or groups currently found in **PHIN VADS** database.

NOTE: ON A BROWSE ALL QUERY, THE SEARCH OPTIONS PANE IS IGNORED, AND THE OPTIONS SPECIFIED THERE ARE NOT APPLIED.