VA COVID-19 Shared Data Resource
THANK YOU

front-line clinicians
care givers
all those who are serving
Clinical starting point

National Biosurveillance Team
• Reporting Analytics, Performance, Improvement and Deployment (RAPID)
• Clinical Systems Development and Evaluation (CSDE)
• Biosurveillance, Antimicrobial Stewardship, and Infection Control (BASIC)

Office of Public Health Surveillance and Research (PHSR)

Pharmacy Benefits Management (PBM)
• VA Medication Safety Center
COVID Cases

Department of Veterans Affairs
COVID-19 National Summary

This report compares VA cases diagnosed and treated at VA facilities, with community case non-VA healthcare facilities.

https://www.accesstocare.va.gov/Healthcare/COVID19NationalSummary
## COVID Case Descriptions

<table>
<thead>
<tr>
<th>Patient Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VA Confirmed Positive</td>
<td>Patients meeting criteria: positive laboratory performed by CDC or comply with CDC standards or human-confirmed case review. Labs must meet VA 10N memo of Lab reporting of COVID-19 confirmation. A recurrent case may occur if a patient has another positive test after a testing gap of more than 14 days.</td>
</tr>
<tr>
<td>VA Presumptive Positive</td>
<td>Patients meeting: Positive lab test conforming to Feb 2020 or March 2020 VA 10N memos for presumptive positive or human-reviewed for presumptive positive. Results and workload code must comply.</td>
</tr>
<tr>
<td>VA Negative</td>
<td>Patients meeting: Negative rRT PCR of approved specimen type by any performer.</td>
</tr>
</tbody>
</table>
VA COVID-19 Shared Data Resource

VA Informatics and Computing Infrastructure
Million Veteran Program
MVP Data Core
Veterans Aging Cohort Study / MVP-CHAMPION
Cooperative Studies Program / CSPEAR
Seattle / Denver COIN
and many more . . .
VA COVID-19 Shared Data Resource

• Goal:
  • Provide value as quickly and consistently as possible

• Process:
Where to learn

VA Phenomics Library

https://vhacdwdfwhweb100.vha.med.va.gov/phenotype/index.php

Thank you MVP!
Where to learn

Overview

The COVID-19 Shared Data Resource is a new data domain containing information related to COVID-19 in and outside of VA. It is comprised of data from various sources and uses case definitions, concept definitions, VA data mappings, and other information that are collected, validated, and updated collaboratively across VA. If you would like to participate in any of the activities, have questions about existing data or have suggested changes and additions, please email VAEC@va.gov with "COVID-19 Shared Data Resource" in the subject line.

Getting Access to the COVID-19 Shared Data Resource

You can get access to the COVID-19 Shared Data Resource when you have:

- A study protocol that clearly describes how the data will be used and how it will be protected.
- An IRB approval for the study.
- Parts 1, 2, and 3 of the COVID-19 Shared Data Resource.

The COVID-19 Shared Data Resource contains patient-level data and use of these data must follow all VA and federal policies.

COVID_Patient

Overview

The COVID_Patient table is meant to provide an overview of relevant data at the time the patient was classified as CaseDefinition of CaseDateTime. Because there may be multiple CaseDefinition's for one patient, there is one row per combination of PatientSID, CaseDateTime, and CaseDefinition in the COVID_Cohort table. The PatientSID has been linked to PatientCN. All columns are using the initial version of concept definitions (v1) and data mappings (v1) are being validated and updated as needed.

COVID_Symptoms

Overview

The COVID_Symptoms table is meant to provide an overview of relevant symptom data at the time the patient was classified as CaseDefinition at CaseDateTime and up to 30 days before. All columns are using the initial version of concept definitions (v1) and data mappings (v1) are being validated and updated as needed.

COVID_TreatmentMedications

Overview

The COVID_TreatmentMedications table is meant to provide an overview of relevant pharmacological treatments post index date, which is defined as CaseDateTime when the patient was classified as CaseDefinition. All columns are using the initial version of concept definitions (v1) and data mappings (v1) are being validated and updated as needed.
How to get access

• Operations -> Work with CSDE to get access to tools and data

• Research -> Follow the same steps for any study amendment
How to get access

<table>
<thead>
<tr>
<th>I would like to study a COVID-19 research question</th>
</tr>
</thead>
<tbody>
<tr>
<td>I have an existing study protocol covering my COVID-19 research question</td>
</tr>
<tr>
<td>no</td>
</tr>
<tr>
<td>I have an existing study protocol that I would like to amend to cover my COVID-19 research question</td>
</tr>
<tr>
<td>yes</td>
</tr>
<tr>
<td>Submit an IRB amendment</td>
</tr>
<tr>
<td>no</td>
</tr>
<tr>
<td>Submit an IRB</td>
</tr>
<tr>
<td>Receive Waiver of HIPAA Authorization and study approval or Exempt determination</td>
</tr>
<tr>
<td>Submit for local R&amp;D Committee review</td>
</tr>
<tr>
<td>Receive R&amp;D Committee approval</td>
</tr>
</tbody>
</table>

Remember to check with study sponsor for any additional requirements.
How to get access

<table>
<thead>
<tr>
<th>Step</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submit a DART amendment</td>
<td></td>
</tr>
<tr>
<td>In the DART amendment narrative, state</td>
<td>“I am requesting the COVID-19 Shared Data Resource”</td>
</tr>
<tr>
<td>Update CDW Checklist and select the domain ‘COVID-19 Shared Data Resource’</td>
<td></td>
</tr>
<tr>
<td>An updated Research Request Memo signed by my ACOS-R is temporarily NOT required for an existing or amended study.</td>
<td>A Research Request Memo signed by my ACOS-R IS required for a new study.</td>
</tr>
<tr>
<td>COVID-19 Shared Data Resource will be provisioned to your study space</td>
<td></td>
</tr>
</tbody>
</table>
What do I get access to?

VA COVID-19 Shared Data Resource

is a DATA DOMAIN

population of patients that meet your study criteria

is your STUDY COHORT
What do I get access to?

Just like any study that uses VINCI, you must specify your **STUDY COHORT** and the **DATA DOMAINS** you would like to request.

Veterans with *heart disease*
- Patient
- Pharmacy BCMA
- VA COVID-19 Shared Data Resource

Veterans with *heart disease AND all persons testing positive for COVID-19*
- Patient
- Pharmacy BCMA
- VA COVID-19 Shared Data Resource
How can I help?

• Reporting a COVID data quality issue
• Reporting a COVID data access issue
• Asking a COVID data question
• Help with validation
• Contribute mappings
• Request new data elements
• Other…

vinci@va.gov
VA COVID-19 Shared Data Resource

• VA COVID-19 data
  • Dimension Tables
  • Analytic Tables
  • CDW Supplement Tables
  • Comparison Cohort Tables
  • Fact Sheets

• Community COVID-19 data
  • Hospital Referral Regions
  • Effective Reproduction Rate
  • Johns Hopkins
Explore
Thank you...

- Makoto Jones
- Kelly Peterson
- Adrienne Murray
- BASIC team, VA SLC
- Barb Jones
- Joe Francis
- Tami Box
- Jack Bates
- BISL and VINCI IT
- Evan Carey
- Craig Kreisler
- Tom Glorioso
- Rian DeFaccio
- Fran Cunningham
- Ashir Shumunov
- Kwan Hur
- Mark Holodniy
- Gina Oda
- Cynthia Lucero
- Patricia Schirmer
- Jonathan Nebeker
- Kristine Lynch
- Michael Matheny
- Elise Gatsby
- Ben Viernes
- Kevin Malohi
- Olga Patterson
- Patrick Alba
- Hannah Eyre
- Jennifer Ling
- Jeff Rogers
- Olga Efimova
- Tori Anglin-Foote
- Benji Lambson
- Steven J. Oostema
- Andrew Holbrook
- Lu Zhenyu
- Brian Robison
- Jiantao Bian
- Steve Johnson
- Aize Cao
- Daniel Park
- Vincent Messina
- Jason Denton
- Kushan Hewa
- Liz Hanchrow
- Abigail Hillard
- Jeffrey Ferraro
- Shaoyu Su
- Qingzhu Liu
- Ramana Seerapu
- Kim Bloom
- Greg Coronado
- Kristi Gregory
- Della Richter
- Chris Ledding
- Jay Tucker
- Tim Trautman
- Nevin Taylor
- Udara Abeysekara
Thank you…

- Chris Wilson
- Will Tolbert
- Deborah Eddy
- Chris Halladay
- Hamid Saoudian
- Sumitra Muralidhar
- Michael Gaziano
- Stacey Whitbourne
- Phil Tsao
- Chris O’Donnell
- Kelly Cho
- Anne Ho
- Jeffrey Gosian
- David Gagnon
- Hanna Gerlovin
- Katherine Kurgansky

- Dan Posner
- Adriana Hung
- Amy Justice
- Chris Rentsch
- Melissa Skanderson
- Janet Tate
- George Hauser
- Farah Kidwai-Khan
- Lesley Park
- MVP-CHAMPION
- David Au
- Michael Ho
- Sarah Haeger
- Tyler Wieman
- Corey Walsh
- Abigail Bryant

- Amber Fleck
- Eric Cross
- Michael Klausner
- Kevin Duan
- Scott Powers
- Todd Wagner
- Nicholas Smith
- Jonathan Sugimoto
- Sarah Keithly
- Walid Gellad
- Paul Heidenreich
- Aditya Sharma
- Sonia Duffy
- Adam Chow
- Paul Barnett
- Rose Ignacio

- Yoko Ogawa
- OHDSI COVID Collaboration
- Cooperative Studies Program
- CSPEAR
- ORD COVID Steering Committee
- David Atkins
- Rachel Ramoni
- and many more…
Questions?

Preferred contact method:

VINCl@va.gov

Jeffrey Scehnet
Jeffrey.Scehnet@va.gov

Scott DuVall
scott.duvall@va.gov