



VA

U.S. Department
of Veterans Affairs

VA COVID-19 Shared Data Resource



VA Informatics
and Computing
Infrastructure



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.





COVID Case Descriptions

Patient Status	Description
VA Confirmed Positive	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.
VA Presumptive Positive	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.
VA Negative	Patients meeting: Negative rRT PCR of approved specimen type by any performer.





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

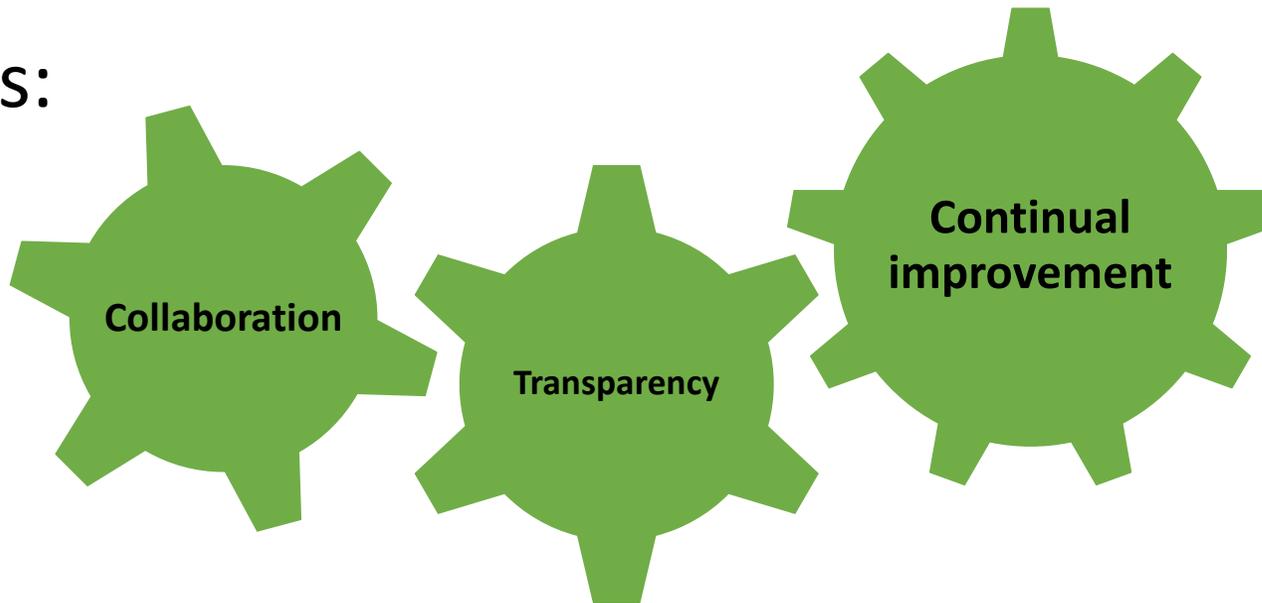
and many more . . .



VA COVID-19 Shared Data Resource

- Goal:
 - Provide value as **quickly** and **consistently** as possible

- Process:





Where to learn

Thank you
MVP!

VA Phenomics Library

[https://vhacdwdwhweb100.vha.med.va.gov/
phenotype/index.php](https://vhacdwdwhweb100.vha.med.va.gov/phenotype/index.php)



Where to learn



COVID-19 [Discussion](#)

COVID-19:Shared Data Resource

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Contributors

[MVP](#)
[CSPEAR](#)
[VACS](#)
[VINCI](#)

Contact

[COVID_Patient](#) [\[edit\]](#)

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 PatientICN. All columns are using the initial version of concept definitions (v1) and data mappings (v1) are are being validated and updated as needed.

[COVID_Symptoms](#) [\[edit\]](#)

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 are being validated and updated as needed.

[COVID_TreatmentMedications](#) [\[edit\]](#)

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 are being validated and updated as needed.

[Overview](#) [\[edit\]](#)

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 these activities, have questions about existing data, or have suggested changes and additions, please email VINCI@va.gov with "COVID-19 Shared Data Resource" in the subject line.

[Getting Access to the COVID-19 Shared Data Resource](#) [\[edit\]](#)

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

- A study protocol with scope covering your COVID-19 research question that has been 1) reviewed and approved by an IRB or that has been given an Exempt determination and 2) reviewed and approved by your local VA R&D Committee. The Office of Research Policy, Protection, and Education is finalizing the guidance on this step. *Update Coming Soon!*
- A DART amendment with 1) an amendment narrative asking for access to the COVID-19 Shared Data Resource, 2) a [CDW Checklist](#) with the domain COVID-19 Shared Data Resource checked, and 3) (for new studies only - existing and IRB amended studies temporarily do not require) an updated [Research Request Memo](#) signed by your ACOS-R.

You can see the full regulatory workflow diagram [here](#).

The COVID-19 Shared Data Resource can then be provisioned to your study space. **The COVID-19 Shared Data Resource contains patient-level data and use of these data must follow all VA and federal policies.**

[a Resource](#) [\[edit\]](#)

ons colleagues who have dropped everything to make this their main focus. They have been and will scientific breakthroughs and publish your work. We are working to finalize an acknowledgement. In addition, his will be updated as we get more information. Because each of these groups is all encompassing, please o research.

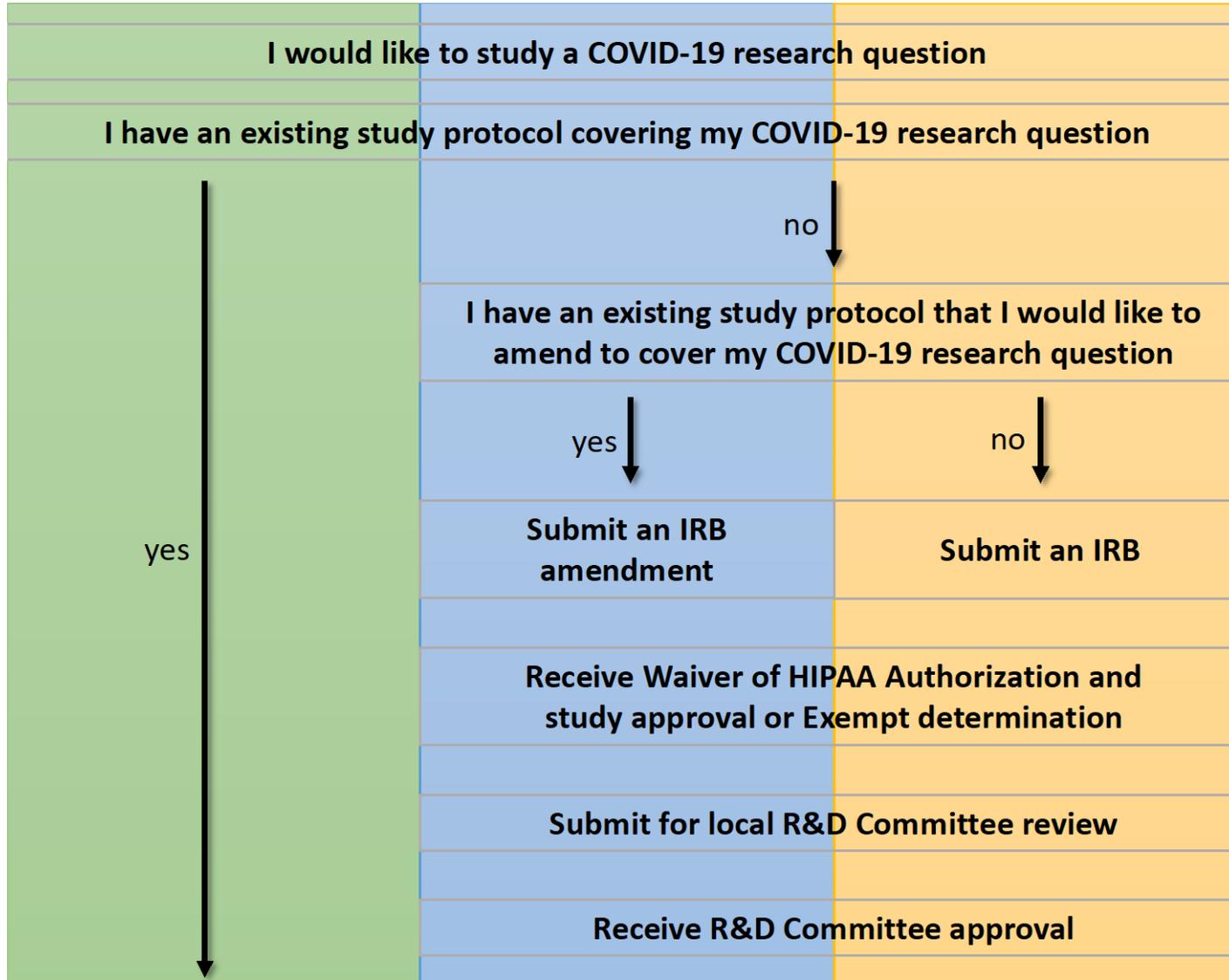


How to get access

- Operations -> Work with CSDE to get access to tools and data
- Research -> Follow the same steps for any study amendment



How to get access



Remember to check with study sponsor for any additional requirements



How to get access

	Submit a DART amendment	
	In the DART amendment narrative, state "I am requesting the COVID-19 Shared Data Resource"	
	Update CDW Checklist and select the domain 'COVID-19 Shared Data Resource'	
	An updated Research Request Memo signed by my ACOS-R is temporarily <u>NOT</u> required for an existing or amended study.	A Research Request Memo signed by my ACOS-R <u>IS</u> <u>required</u> for a new study.
	COVID-19 Shared Data Resource will be provisioned to your study space	



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...

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- Cynthia Lucero
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- Kristine Lynch
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- Elise Gatsby
- Ben Viernes
- Kevin Malohi
- Olga Patterson
- Patrick Alba
- Hannah Eyre
- Jennifer Ling
- Jeff Rogers
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- 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
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- 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
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- Todd Wagner
- Nicholas Smith
- Jonathan Sugimoto
- Sarah Keithly
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- OHDSI COVID Collaboration
- Cooperative Studies Program
- CSPEAR
- ORD COVID Steering Committee
- David Atkins
- Rachel Ramoni
- and many more...



Questions?



Preferred contact method:

VINCI@va.gov

Jeffrey Scehnet

Jeffrey.Scehnet@va.gov

Scott DuVall

scott.duvall@va.gov