

# PCORnet CDC COVID-19 Electronic Healthcare Data Initiative

## News and Updates

April 2022

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### Operational Updates

#### *Bi-monthly webinar*

The project management team will host its next bi-monthly informational webinar on Monday, May 2, 2022 at 11:00 a.m. ET. The session will present data on recent queries and share plans for future queries being developed. Please [register for the webinar](#) prior to attending, and a calendar invitation will automatically be sent. A reminder email with this registration link and additional information will be shared closer to the webinar date.

### Technical Updates

#### *Query update*

Several query activities have been completed over the last month:

- A standard assessment of all patients' tests for SARS-CoV-2 (which has been regularly distributed)
- A re-execution of a query examining risk factors for long COVID symptoms (using distributed regression)
- A query to obtain updated data on admissions and test information and cardiac complications of COVID

In addition, the programming team is continuing to develop and test the advanced analytic capabilities for the query examining whether diabetes and hypertension control are associated with severe COVID-19. This query will also pull back de-identified individual-level data to Harvard Pilgrim. The data will allow the project team to be more efficient in re-executing components of this query on chronic disease control.

Masking of small cell counts in reports that are generated with aggregate data across all participating sites in this project has ceased. At the outset of this project, the PCORnet team obtained a public health surveillance exemption from its IRB. Subsequently, the team revised protocol to note

the capture of de-identified patient-level data, under which individual rows of data (or small counts) would fall. Observing actual cell size values is important for calculating precise incidence of rare complications of COVID-19 and COVID-19 vaccinations and facilitating advanced analytics on a query-specific basis. As with all of this work, the project team will continue to report aggregate data across sites to ensure that small cell counts are not specific to any individual site.

Reporting and planning upcoming queries will continue over the next two months, including the execution of the advanced analytics chronic disease query.

## Additional Updates

### *Manuscripts and dissemination*

Below is a summary of progress on manuscripts:

- [Disparities in monoclonals](#): published in MMWR on January 14, 2022.
- [Prevalence of PASC](#): published in JAMA Network Open on February 4, 2022.
- [Myocarditis/pericarditis incidence post SARS-CoV-2 and mRNA vaccines](#): published in MMWR on April 1, 2022.
- Descriptive papers on both adult and pediatric cohorts are being updated to include data from most recent cumulative query prior to submission. These papers are undergoing CDC clearance.

In addition, the CDC COVID Data Tracker was previously updated to include a description of our [data type contribution and representation](#), as well as [disease severity visualizations](#) that include PCORnet data.

### *Updating data*

Please continue to plan to refresh your COVID-19 Common Data Model (CDM) at the beginning of every month and update the inclusion criteria for the full CDM. Feedback from some sites indicate that their COVID CDM inclusion code list did not have some of the vaccine codes. The project team recently recirculated the code list and will send notice if there are any requests for additional updates prior to queries that might benefit from updated data.



