



FAQ FOR THE ANALYSIS PROPOSAL PROCESS AND DATASETS

Partnering for Impact – Consortial Publications

1. What is RADx-UP Partnering for Impact?

The RADx-UP consortium is an organization of more than 125 community-engaged research project teams and mini-grant recipients across all 50 states, as well as U.S. territories and Tribal Nations.

All of these project teams and recipients use the NIH RADx-UP Common Data Elements (CDEs), which provide a standard set of study questions for their COVID-19 testing studies. The CDEs allow the RADx-UP consortium to aggregate data from across all the populations and communities that projects study and engage.

The RADx-UP Partnering for Impact process allows consortium members to collaborate on analyses of aggregated data and mapped datasets. The publications that result from these analyses will help community leaders and policy makers identify effective strategies for reducing disparities in COVID-19 testing and addressing other health needs of their communities.

2. What data does the CDCC collect and make available to the consortium?

The CDCC receives Tier 1 and 2 CDEs in the RADx-UP Data Portal. The CDCC also receives other types of data from the RADx-UP projects, such as electronic health record data that have been mapped to the CDEs. The CDCC has created datasets, dashboards, and reports using these data. Before using data for these purposes, the CDCC follows the guidelines set down in the RADx-UP Data Sharing Plan, which was created by the RADx-UP Data Stewardship Committee. These guidelines include replacing project identifiers with animal names in the dashboards, de-identifying or not using some protected health identifiers including changing the participant ID numbers, and following Tribal Nations data sovereignty rules.

3. Have RADx-UP project teams collected the NIH RADx-UP CDEs in the same way?

All RADx-UP projects are required to submit the CDEs using prespecified questions, response options, and formats. CDCC informaticists have worked closely with each project team to ensure that any changes to CDEs that they are collecting do not change the meaning or structure of the required questions in a way that prevents harmonization across the RADx-UP aggregated dataset. Additionally, all CDEs are run through quality, conformance, missingness, and logic checks, allowing the CDCC to ensure high-quality data are provided to writing teams.

4. What is the RADx-UP Data Dashboard and how can I use it?

The RADx-UP Data Dashboard, a tool on *myRADx-UPhome*, provides visualizations of the CDEs collected and shared by RADx-UP projects. The RADx-UP Data Dashboard is interactive: data can be filtered by using a list of variables or by directly interacting with the visuals.

To use the RADx-UP Data Dashboard, sign into [myRADx-UPhome](#) and then use the top navigation bar to select Reports > RADx-UP Data Dashboard.

If you do not have an account on *myRADx-UPhome*, visit this [page](#) to learn how you can request access to the site - *myRADx-UPhome* has many resources to help you learn more about navigating the Data Dashboard. See this [resource](#) for more information and watch tutorial videos on [navigation](#), how to use [filters](#), and [cross-panel interactivity](#).

5. What is the RADx-UP Area-Level Data Linkage Dashboard and how can I use it?

The Area-Level Data Linkage Map displays RADx-UP project zip code data mapped to public data sets sourced from 2019 American Community Survey (ACS). These public datasets present metrics such as neighborhood housing, education, income statistics, and social vulnerability at the zip code level across the United States. Area-level datasets will be available for use by writing teams and loaded to a secure platform for secondary analysis.

To use this dashboard, sign into *myRADx-UPhome* and then use the top navigation bar to select Reports > RADx-UP Area-Level Data Linkage Dashboard.



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6. What data and datasets can CDCC provide?

As part of RADx-UP Partnering for Impact, the CDCC Data Science & Biostatistics Core can provide your writing team with the datasets needed to help answer your research question. These datasets are subsets of the complete aggregated NIH RADx-UP CDEs data comprising the CDE variables collected and uploaded by RADx-UP project teams to the RADx-UP Data Portal. They are then processed and prepared into SAS files to be used for analysis. They are called Core Analytic Datasets and are organized into categories.

See table below for the currently available data sets.

Domain	Description
Alcohol and tobacco	Participant's history of alcohol and tobacco use
COVID test	Information related to COVID-19 tests collected by study teams such as test types and results
Health status	Participant's health status
Housing/Employment/Insurance	Information related to participant's housing, employment and insurance status
Location	Participant's location
Medical history	Participant's medical history
Sociodemographic	Participant's socio-demographic information
Symptoms	Participant's symptoms as part of testing procedure
Testing	Information related to testing such as accessibility and impact
Vaccine acceptance	Participant's view of vaccine acceptance
Work PPE and distancing	Participant's access to work PPE and ability to practice distancing

7. How can my writing team interact with the data for analysis or download datasets?

The Data Science & Biostatistics Core can provide dataset(s) to your writing team via a secure platform for download. The CDCC will work with your writing team to determine the most appropriate secure file transfer platform to use depending on your organizational requirements.

The member(s) of your writing team who will be performing the data analysis may download the dataset(s) so that they can analyze the data on their institutional computer. Before this dataset is provided to your writing team, the CDCC will ensure that the proper Data Use Agreement (DUA) terms are in place between your institution(s) and Duke. Datasets provided by the CDCC cannot be shared outside of your institution(s) and should be securely stored as agreed upon in the DUA. Use of the datasets should also be restricted for use only for the analysis proposal and manuscript associated with that particular analysis proposal.

If your writing team does not want to complete your own statistical analysis or if you need support, CDCC statisticians can assist you by conducting analyses and providing results, or by providing input on your analysis plan. Please use the [support request](#) form to indicate how we can help you.