**Project COVERED**

**Database notes**

**2/22/2022**

**This document summarizes the data tables and their contents provided to you per your data sharing agreement with Project COVERED investigators. For more information about the overall project as well as the copies of the protocol, publications, manual of procedures, and data collection forms (referenced in this document), please visit covered-study.org.**

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| **Data table title** | **Comments** |
| **Format** | Describes formats for all variables in all datasets |
| **Participant\_Single\_Baseline** | Combines Baseline forms:   * + Screening   + Eligibility   + Consent   + Enrollment   + Medical History   + Project Completion   + Baseline Positive Follow-Up * Inclusion criteria:   + *eligible* = “Yes”   + *consent\_acknowledge* = “Yes” |
| **Participant\_Single\_PostBaseline** | Combines Post Baseline forms:   * + Project Extension Consent   + Week 4 Addition   + 9-Month Participant Follow-Up   + Withdrawal   + Project Completion   + Verify Participants |
| **Facility\_Single** | Combines Facility forms:   * + Facility Characteristics   + Week 4 PI Addition   + 9-Month Facility Follow-Up   + Verify PI |
| **Participant\_Weekly\_Survey** | Based on the Weekly Participant Survey forms |
| **Participant\_Weekly\_Survey\_Long** | Long format (1 obs = 1 HCP-day) of the Weekly Participant Survey data set |
| **Facility\_Weekly\_Survey** | Based on the Weekly Facility Survey forms |
| **Facility\_Weekly\_Survey\_Long** | Long format (1 obs = 1 HCP-day) of the Weekly Facility Survey data set |
| **Intubation\_PatientInfo\_Merge** | Combines Intubation/Cardiac arrest instrument and extracted data from electronic medical records (patient information forms)   * Merged the Intubation/Cardiac arrest and Patient Information forms * Observations were considered matches across forms if one of the following was true:   + the (medical record numbers (MRNs) match   + the last names match and the Intub and PatInfo form dates are within 1 day * Unmatched observations for both data sets are kept, and the Intubation/Cardiac arrest form records are added to the merged data set, so all recorded events are included for analysis, though some are missing patient information. |
| **Leftover\_Intubations** | HCP intubation events without a matching patient information form |
| **Serology\_Labs** | Contains laboratory results |
| **HCP\_Epochs** | Contains patient-epoch-level observations   * Epochs are defined by testing records from Serology Lab and Weekly Participant Survey instruments:   + Results of serology testing correspond to the time frame: 11 days before the previous test to 12 days before the current test   + Results of PCR testing correspond to the time frame: 3 days before the previous test to 4 days before the current test |
| **Combine\_All** | Combines Participant\_Weekly\_Survey\_Long, Facility\_Weekly\_Survey\_Long, Intubation\_PatientInfo\_Merge, and HCP\_Epochs. |
| **Final\_Cleaned** | Dataset with new variables created for main results analysis (see Table S1 of manuscript). See below\* for a list of these variables, including names and definitions. |

\*New Variables:

* wkly\_covidpts\_Median - Median based on weekly participant surveys within testing epoch
* wkly\_fac\_covidpos\_adm\_Median - Median based on weekly facility surveys within testing epoch
* COMM\_RATE\_Median - Median based on weekly community COVID rates within testing epoch
* NO\_PPE\_USE\_noncovid\_Max - Did participant ever not use PPE during routine patient care within testing epoch?
* NO\_PPE\_USE\_covid\_Max - Did participant ever not use PPE during COVID patient care within testing epoch?
* NO\_PPE\_USE\_aerosol\_covid\_Max - Did participant ever not use PPE during aerosol-generating procedures on COVID patients within testing epoch?
* wkly\_insuff\_ppe\_Min - Did participant always have sufficient PPE within testing epoch?
* wkly\_reusing\_ppe\_Max - Did participant ever reuse PPE within testing epoch?
* wkly\_hhold\_covidpos\_Max - Did participant ever have a household COVID exposure within testing epoch?
* wkly\_contact\_simsx\_Max - Did participant ever have contact with a COVID+ friend within testing epoch?
* wkly\_gathering\_Max - Did participant ever attend any mass gatherings within testing epoch?
* wkly\_publictrans\_Max - Did participant ever use any public transit within testing epoch?
* wkly\_wearmask\_Max - What was the least adherent to mask wearing the participant was within testing epoch?
* EVENT\_Sum - How many intubation and cardiac arrest events did the participant have within testing epoch?
* INT\_ONLY\_Sum - How many intubation-only events did the participant have within testing epoch?
* INT\_ANY\_Sum - How many intubation events did the participant have within testing epoch?
* CARDARR\_ONLY\_Sum - How many cardiac arrest-only events did the participant have within testing epoch?
* CARDARR\_ANY\_Sum - How many cardiac arrest events did the participant have within testing epoch?
* COVID\_INT\_ONLY\_Sum - How many COVID+ intubation-only events did the participant have within testing epoch?
* COVID\_INT\_ANY\_Sum - How many COVID+ intubation events did the participant have within testing epoch?
* COVID\_CARDARR\_ONLY\_Sum - How many COVID+ cardiac arrest-only events did the participant have within testing epoch?
* COVID\_CARDARR\_ANY\_Sum - How many COVID+ cardiac arrest events did the participant have within testing epoch?
* COVID2\_INT\_ONLY\_Sum - How many COVID+ or untested intubation-only events did the participant have within testing epoch?
* COVID2\_INT\_ANY\_Sum - How many COVID+ or untested intubation events did the participant have within testing epoch?
* COVID2\_CARDARR\_ONLY\_Sum - How many COVID+ or untested cardiac arrest-only events did the participant have within testing epoch?
* COVID2\_CARDARR\_ANY\_Sum - How many COVID+ or untested cardiac arrest events did the participant have within testing epoch?
* wkly\_rncovid\_cpr\_Max - Maximum number of weekly cardiac arrest events for RNs within testing epoch
* wkly\_hrs\_Median - Median participant weekly hours within testing epoch
* always\_wearmask - Did the participant always wear a mask within testing epoch?
* wkly\_gathering\_publictrans - Did the participant attend any mass gatherings or use public transit within testing epoch?