COVID-19 Datamart Tip Sheet

GENERAL
- The cohort in the COVID-19 datamarts includes all patients (excluding VIPs) who have a COVID-19 lab test resulted.
- The index encounter is defined as the first encounter where the COVID-19 lab test was resulted.
- The output for the cohort includes all inpatient, outpatient, and emergency encounters for one year prior to index, the index encounter, and all subsequent encounters.
- All tables are updated daily, around 0900. This means that updated values and new subjects are made available at every refresh.
- Certain tables and fields (e.g. Diagnoses, Procedures, Start/end dates, Admission/discharge dates) will be limited in completeness until the subject dies, is discharged, or the encounter is closed.
- Notes and free text result reports are now available. They are updated weekly.
- Chest radiographs (aka chest x-rays, including standard and portable exams) and chest CT scans from HIRO are available in the limited datamart. Images are updated weekly.

IRB/REGULATION
- Employees are listed in all datamarts (limited, de-identified, and identified). For this reason, all COVID-19 studies must include employees in the IRB submission and approval.
- For all requests to the limited datamart, the IRB submission must also include access to notes and free text.
- Notes are available for the de-identified dataset **if they are specifically requested in the IRB submission**.
- The limited dataset has zip codes available **if they are specifically requested in the IRB submission**.

ACCESS
- Datamarts are accessible via UChicago Box after appropriate IRB approvals are provided.
- A CNET ID is required for access.
- Please notify Julie Johnson at cri-covid@lists.uchicago.edu with the IRB number, and the names and CNET IDs of your team members who will need access (***see suggestion at bottom of page***).
- If your UChicago Box account is automatically set up to your BSD account, you will need to log out and log back in with your CNET ID.
- Once access has been granted, you will receive an email invitation from Box to your CNET affiliated email address.

MANAGEMENT
- Once access has been granted, download the tables to a secure location (e.g. CRI Labshare, UCM/BSD managed shared drive, UChicago Box).
- If you do not have a secure location, you may request a labshare via the CRI website. (https://cri-app02.bsd.uchicago.edu/WebProvisioning/Service.aspx)
- If you wish to store your data on UChicago Box, you will need to create a new Box folder and move the tables to that location.
- The secure location should be encrypted in compliance with BSD Encryption Policies. (http://security.bsd.uchicago.edu/security-policies/)
- If your local resource is not encrypted, please encrypt your device prior to downloading the data. (http://security.bsd.uchicago.edu/encryption/)

ANALYSIS
- Analysis does not take place within UChicago Box.
- If you do not have analytic resources, you may request a virtual machine (VM) from CRI with statistical packages. (https://cri-app02.bsd.uchicago.edu/WebProvisioning/Service.aspx)
- If you would like assistance with data normalization and/or analysis, CRI offers data science services. Please contact Anoop Mayampurath (amayampurath@peds.bsd.uchicago.edu) and Aswathy Ajith (aswathy@bsd.uchicago.edu) for further information.

OTHER
- Contact Julie Johnson at cri-covid@lists.uchicago.edu if you have additional questions, concerns, or comments.
- New data will be added based on prioritized need.

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- Data can only be used for the approved IRB protocol or QI Determination that allowed access. Additional projects require additional approvals.
- If you wish to share data outside of the UCM Organized Healthcare Arrangement (OHCA), you will need to obtain the appropriate data sharing agreement. Contact your regulatory manager or the Office of Clinical Research for guidance.

SUGGESTION
- ***The CRI suggests that only the PI and/or a designated study team member accesses the COVID datamart. He/she would then move the tables to a secure location and provide access to the rest of the study team.***