# COVID-19 CRI Resources

| | De-Identified Datamart | Limited Datamart | Identified Datamart | REDCap[1] |
|---|---|---|---|---|
| **Data Tables[2]** | • Cohort Demographics<br>• Encounters<br>• Diagnoses<br>• Procedures<br>• MAR<br>• Labs<br>• Flowsheets<br>• Radiology orders<br>• Consult orders<br>• Admissions/Discharges/Transfers<br>• Advanced care planning<br>• Notes[3] (free text – updated weekly) | • Cohort Demographics<br>• Encounters<br>• Diagnoses<br>• Procedures<br>• MAR<br>• Labs<br>• Flowsheets<br>• Radiology orders and results<br>• Consult Orders<br>• Admissions/Discharges/Transfers<br>• Advanced Care Planning<br>• Notes[4] (free text – updated weekly)<br>• Chest radiographs and chest CT scans[3] | • Cohort Demographics<br>• Encounters<br>• Diagnoses<br>• Procedures<br>• MAR<br>• Labs<br>• Flowsheets<br>• Radiology Orders and results<br>• Consult Orders<br>• *Notes (free text – updated weekly)* | • Self-service<br>• Determined by Investigator/Clinician |
| **PHI Description (18 PHI Elements under HIPAA)** | • Date/Time Offset **per patient[4]**<br>• No Names<br>• Patient_ID replaces MRN<br>• Encounter_ ID replaces HAR<br>• First 3 of Zip replaces Address<br>• Age at COVID test replaces DOB<br>• Ages>89 replaced with 89<br>• No other identifiers under HIPAA | • Real Date/Time including DOB<br>• No Names<br>• Patient_ID replaces MRN<br>• Encounter_ ID replaces HAR<br>• **Full Zip Code[3]**<br>• No other identifiers under HIPAA | • Real Date/Time<br>• Full Names<br>• MRN<br>• HAR<br>• Address<br>• Phone Number / Email Address<br>• DOB<br>• **Any other identifiers under HIPAA[3]** | • Determined by IRB approvals |
| **Break the Glass (BTG) Employees Included** | • **Yes[5]** | • **Yes[5]** | • **Yes[5]** | • Determined by IRB Approval or QI Determination and collected by PI/Clinician |
| **IRB Review/ QI Determination** | • REQUIRED<br>• If IRB, must obtain Non-human subjects Determination and provide IRB# for verification<br>• Employees/break the glass must be included<br>• Notes must be included if needed<br>• If QI, must provide QI Determination# for verification | • REQUIRED<br>• If IRB, **must** obtain waiver of authorization for **real dates**, **employee data**, and **notes/free text** at minimum, and provide IRB# for verification<br>• Zip code must be included in approval if needed<br>• If QI, must provide QI Determination# for verification | • REQUIRED<br>• If IRB, must obtain permission for all identifiers above, **other identifiers under HIPAA as needed**, access to prospective data, **explicitly be granted permission for employee data**, and provide IRB# for verification<br>• If QI, must provide QI Determination# for verification | • REQUIRED<br>• If IRB, must provide IRB# for verification<br>• If QI, must provide QI Determination# for verification |

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[1] REDCap projects will be pushed to production after compliance with IRB or QI determination is verified.

[2] Data are provided via UChicago Box (CNET Id required) and will be updated daily. The CRDW team identifies patients tested for COVID19 by filtering on the LABMCOVID19 lab component procedure code with a nightly refresh from Epic's Clarity data warehouse. Distinction between COVID + and COVID - patients is based on the reported results from this test. New data tables will be added over time on an iterative basis. Access will be managed by the CRI only after compliance with IRB or QI is verified.

[3] If these identifiers are needed, they must be explicitly requested and approved in the IRB protocol.

[4] Within patient analysis supported, but temporality across patients is not maintained. Patient dates are offset by an integer -1 to -365 per patient.

[5] Break the Glass (BTG) employees are included in all COVID datamarts. Access to any COVID datamart will require explicit permission from the IRB to review employee records.