This document defines the data tables and data standards used to implement our COVID-19 Trial Finder. Current data standard agreed upon on April 10, 2020.

TABLES

aact_trial_info – Contains information on study characteristics downloaded from Aggregated Analysis of ClinicalTrials.gov (AACT) database. NCT IDs provided from ClinicalTrials.gov page on COVID-19.

- Nct_id (VARCHAR) – Trial NCT ID
- Start_Date (DATE) – Start date of clinical trial
- Status (VARCHAR) – Current status of clinical trial at time of data download
- Phase (VARCHAR) – Current phase of clinical trial at time of data download
- Study_type (VARCHAR) – Type of study [Interventional, Observational, Expanded Access, NULL]
- Brief_title (VARCHAR) – Brief title of clinical trial
- Conditions (VARCHAR) – Target conditions of clinical trial. If multiple conditions are listed, they are separated by ", ".
- Interventions (VARCHAR) – Studied interventions of clinical trial. If multiple interventions are listed, they are separated by ", ".
- Gender (VARCHAR) – Included genders in clinical trial [All, Male, Female, NULL]
- Minimum_age (DOUBLE) – Minimum age of patients included in clinical trial
- Maximum_age (DOUBLE) – Maximum age of patients included in clinical trial
- Healthy_volunteers (VARCHAR) – Whether clinical trial allows healthy volunteers [Yes, No, NULL]
- Facilities (VARCHAR) – List of facilities currently enrolling patients. If multiple facilities are listed, separated by " | ".

all_criteria – Contains individual eligibility criteria semi-autonomously extracted from ClinicalTrials.gov for each trial and mapped to OHDSI OMOP Common Data Model.

- Nct_id (VARCHAR) – Trial NCT ID
- Include (INT) – Whether criterion is found in inclusion criteria [1] or exclusion criteria [0]
- Concept_id (INT) – Concept ID of mapped concept in OHDSI OMOP CDM relating to eligibility criterion
- Concept_name (VARCHAR) – Concept name of mapped concept in OHDSI OMOP CDM relating to eligibility criterion
- Domain (VARCHAR) – Domain of eligibility criterion as defined by OHDSI OMOP CDM [Condition, Device, Drug, Measurement, Procedure]
- Concept_group_id (BIGINT) – Group ID linking medical concepts that share an OR or SUBSUMES relationship in eligibility criteria
- Start_index (INT) – Start index of medical concept in eligibility criteria
- End_index (INT) – End index of medical concept in eligibility criteria
- Entity_source_text (VARCHAR) – Source text from eligibility criteria used to map to OHDSI OMOP CDM
- Temporal_source_text (VARCHAR) – Source text from eligibility criteria used to define time range
- Before_days (INT) – Time window before screening date, in days, extracted from temporal_source_text
- Numeric_source_text (VARCHAR) – Source text from eligibility criteria used to define value range
- Numeric_att_min (VARCHAR) – Minimum value extracted from numeric_source_text
- Numeric_att_max (VARCHAR) – Maximum value extracted from numeric_source_text

key_criteria - Contains manually extracted key criteria related to trials targeting COVID-19.

- Nct_id (VARCHAR) - Trial NCT ID

- Disease_status (VARCHAR) – Whether trial targets COVID-19 positive patients [yes], COVID-19 negative patients [no], all patients [all] or previously COVID-19 positive patients who are no longer infected [cleared]
- Exposure_status (VARCHAR) – Whether trial targets patients with high risk of exposure [yes, no, NULL]
- Days_to_disease (INT) – Time window before screening date, in days, when patients could be diagnosed with COVID-19
- Is_hospitalized (BOOL) – Whether trial is targeting patients who are hospitalized or in the ICU [true, false, NULL]
- Preg_status (BOOL) – Whether trials is exclusively recruiting pregnant patients [true] or excluding pregnant patients [false], NULL if not taken into account
- Oral_meds (BOOL) – Whether trial includes ability to take oral medications
- Notes (VARCHAR) – notes pertaining to specific trials